

MASTER KEYNOTE LIST

DIVISION 1 GENERAL REQUIREMENTS

DIVISION 2 SITEWORK

02201	EARTHWORK
02201.A0	COMPACTED FILL
02201.B0	GRAVEL BASE
02201.C0	SAND

02511 ASPHALTIC CONCRETE PAVING (ZERO VOIDS MIX)

02511.A0 ZERO VOIDS ASPHALTIC PAVING

DIVISION 3 CONCRETE

03053 CONCRETE W/WATER PROOFING SYSTEM

03053.A0 CONCRETE WATER PROOFING SYSTEM

03300 CAST-IN-PLACE CONCRETE

03300.A0	CONCRETE – SLAB ON GRADE
03300.A1	CONCRETE SLAB-ON-GRADE – RE: STRUCTURAL
03300.A2	CONCRETE SLAB-ON-GRADE (THICKNESS)
03300.B1	CONCRETE SLAB – RE:STRUCTURAL
03300.B2	CONCRETE SLAB (THICKNESS)
03300.C0	FOOTING
03300.C1	FOOTING – RE: STRUCTURAL
03300.D0	CONCRETE PAD
03300.E0	RETAINING WALL
03300.F0	CAST-IN-PLACE REINFORCED CONCRETE
03300.F1	CAST-IN-PLACE REINFORCED CONCRETE, WITH ARCHITECTURAL FINISH
03300.G0	CONCRETE OVER METAL DECK – RE:STRUCTURAL
03300.H0	FOUNDATION WALL, RE: STRUCTURAL
03300.J0	REINFORCING
03300.J1	REINFORCING – RE: STRUCTURAL
03300.J2	#4 BARS CONTINUOUS (QUANTITY)
03300.J3	#5 BARS CONTINUOUS (QUANTITY)
03300.K1	18" DIA. CONCRETE PIPE BASE
03300.L1	30# FELT
03300.M1	MOISTURE BARRIER
03300.N0	CONCRETE CURB
03300.P4	CONSTRUCTION JOINT
03300.P5	ISOLATION JOINT
03300.S1	SPLASH BLOCK

DIVISION 5 METALS

05310 STEEL DECK

05310.A1 METAL DECK – RE: STRUCTURAL

05400 COLD-FORMED METAL FRAMING

05400.X1	STEEL STUD
05400.X2	STEEL TRACK
05400.X3	STEEL JOIST – RE:STRUCTURAL

05500 METAL FABRICATIONS

05500.A1	ANGLE – RE: STRUCTURAL
05500.A2	L (SIZE)
05500.B0	CLIP ANGLE
05500.B2	CLIP ANGLE (SIZE)
05500.D0	CHANNEL (SIZE)
05500.D1	CHANNEL – RE: STRUCTURAL
05500.D2	HAT CHANNEL (SIZE)
05500.E0	PLATE (SIZE)
05500.E1	PLATE – RE: STRUCTURAL
05500.E2	PLATE (SIZE) – GALVANIZED
05500.J1	PIPE BOLLARD (DIAMETER) – GALV. & PAINTED
05500.M1	CHECKERED PLATE (SIZE) GALVANIZED
05500.P0	ANCHOR BOLT(S)
05500.P1	ANCHOR BOLTS (DIAMETER, SPACING)
05500.V0	FLOOR PLATE
05500.X1	STEEL STUD (RE:STRUCTURAL)
05500.X2	STEEL RUNNER (RE:STRUCTURAL)
05500.Y0	ROUGH HARDWARE – GALVANIZED
05500.Z0	CHAIN – GALVANIZED
05500.Z1	STEEL CLIP RING – GALVANIZED
05500.Z2	RING FOR CHAIN ATTACHMENT – GALVANIZED

05510 METAL STAIRS

05510.A1	LADDER RUNGS
05510.B1	LADDER RAILS
05510.C0	LADDER MOUNTING BRACKET
05510.D1	RUBBER SHOE AT BOTTOM OF EACH RAIL
05510.E1	1 1/2" O.D. HANDRAILING

05521 PIPE & TUBE RAILINGS

05521.A1	1 1/2" O.D. STEEL GUARDRAIL
05521.B1	1 1/2" O.D. HANDRAIL
05521.C1	1/2" O.D. PICKET RAILING @ 4" O.C.

05530 GRATINGS

05530.A0	TRENCH FRAME – GALVANIZED
05530.A1	STEEL GRATE 22-W-4 (SIZE) GALVANIZED
05530.B0	ALUMINUM BAR PANELS

DIVISION 6 WOOD AND PLASTICS

06105 MISCELLANEOUS CARPENTRY

06105.L2	BLOCKING AS REQUIRED
06105.P1	2X4
06105.P2	2X6
06105.P6	4X4
06105.P9	2 x FRAMING, FIRE TREATED
06105.P10	PRESSURE TREATED WOOD TIMBER (SIZE)
06105.Q2	SHIM AS REQUIRED
06105.R2	SHEATHING – PLYWOOD (THICKNESS) GRADE (SIZE)
06105.R3	G1S A/C PLYWOOD (THICKNESS)
06105.V1	EXTERIOR GRADE PLYWOOD (THICKNESS)
06105.V6	PEGBOARD (THICKNESS)
06105.Z0	ANCHOR AS REQUIRED

06402 INTERIOR ARCHITECTURAL WOODWORK

06402.A0	SILL
06402.A1	3/4" PAINTED WOOD SILL
06402.B1	PLASTIC LAMINATE BACKSPLASH (HEIGHT)
06402.C1	PAINT GRADE WOOD CAP (THICK.)
06402.H0	SHELF(YES)
06402.H1	ADJUSTABLE SHELVES
06402.H2	SHELVING (DEPTH)
06402.K0	BASE UNIT (FINISH)
06402.K2	BASE UNIT W/ADJ. SHELF(YES) (FINISH)
06402.K3	BASE UNIT W/DRAWERS (FINISH)
06402.K4	BASE UNIT W/DRAWER & ADJ. SHELF(YES) (FINISH)
06402.L2	WALL UNIT W/ADJ. SHELF(YES) (FINISH)
06402.P0	COUNTERTOP
06402.P2	COUNTERTOP – P. LAM. ON 3/4" PLYWOOD
06402.X0	WORKBENCH

DIVISION 7 THERMAL AND MOISTURE PROTECTION

07160 BITUMINOUS DAMPROOFING

07160.A0 BITUMINOUS DAMPROOFING

07190 WATER REPELLANTS

07190.A0 CLEAR WATER RESISTANT COATING

07210 BUILDING INSULATION

07210.A1	BATT INSULATION (R-VALUE)
07210.B1	RIGID INSULATION (THICKNESS)
07210.D0	VAPOR BARRIER
07210.E0	FOUNDATION WALL INSULATION (THICKNESS)

07901 JOINT SEALANTS

07901.A0	SEALANT
07901.B0	ASPHALT SATURATED FIBERBOARD
07901.C0	CAULK
07901.D0	JOINT FILLER
07901.G0	BACKER ROD

DIVISION 8 DOORS AND WINDOWS

08111 STANDARD STEEL DOORS AND FRAMES

08111.A0	PRESSED METAL FRAME
08111.A1	GROUT-FILLED PRESSED METAL FRAME
08111.B0	HOLLOW METAL DOOR
08111.C0	JAMB ANCHOR

08360 SECTIONAL OVERHEAD DOORS

08360.A0	OVERHEAD SECTIONAL DOOR
08360.B0	DOOR TRACK
08360.C0	WEATHERSTRIPPING
08360.D0	DOOR GUIDE

08520 ALUMINUM WINDOWS

08520.A0	WINDOW UNIT
08520.B0	FIXED WINDOW
08520.C0	ALUM. WINDOW W/SLIDING GLASS PANEL
08520.M0	SILL STARTER, SET IN SEALANT
08520.P0	BREAKMETAL
08520.Q0	WEATHERSTRIPPING
08520.R0	ALUMINUM FLASHING, FINISH TO MATCH WINDOW FRAME

08710 DOOR HARDWARE

08710.A0	THRESHOLD
08710.C0	WEATHERSTRIPPING

08800 GLAZING

08800.C0	WIRE GLASS
08800.G1	CLEAR INSULATING GLASS (SIZE)
08800.G3	OPAQUE INSULATING GLASS

DIVISION 9 FINISHES

09255 GYPSUM BOARD ASSEMBLIES

09255.A1	GYPSUM BOARD (THICKNESS)
09255.A2	WATER RESISTANT GYPSUM BOARD (THICKNESS)
09255.B2	TYPE "X" GYPSUM BOARD (THICKNESS)
09255.C3	CEMENT BOARD (THICKNESS)
09255.H0	METAL STUD
09255.H1	METAL STUDS (SIZE, SPACING)
09255.J0	METAL RUNNER
09255.K0	DOUBLE STUDS
09255.K1	DOUBLE STUDS (GAGE)
09255.L1	7/8" X 1-3/8" METAL ANGLE
09255.L2	2-1/2" X 2-1/2" METAL ANGLE
09255.M2	METAL CORNER BEAD (TYP)
09255.P0	Z-FURRING CHANNEL
09255.Q0	7/8" METAL FURRING CHANNEL
09255.R2	CHANNEL (SIZE, SPACING)
09255.S1	8 GA. WIRE HANGERS (SPACING)
09255.S2	18 GA. WIRE TIES
09255.S3	18 GA. METAL MOUNTING STRIPS
09255.S4	14 GA. STAINLESS STEEL COUNTER TOP
09255.U1	SUSPENDED CEILING SYSTEM
09255.V0	EDGE TRIM (TYP)
09255.V2	LC-BEAD (PREFERRED USG 200-A TRIM)
09255.V4	VINYL TRIM

09300 TILE

09300.A1	TILE UNGLAZED CERAMIC MOSAIC-TILE TYPE#1
09300.A2	TILE GLAZED WALL-TILE TYPE#2
09300.C0	TILE BASE
09300.D1	BULLNOSE TRIM UNIT
09300.G1	MORTAR BED
09300.G4	WATERPROOF MEMBRANE

09660 RESILIENT TILE FLOORING

09660.A1 VINYL COMPOSITION TILE TYPE #1

09678 RESILIENT WALL BASE AND ACCESSORIES

09678.E1 RUBBER BASE (SIZE)

09900 PAINTING

09900.A1	PAINT – TYPE #1
09900.A2	PAINT – TYPE #2
09900.A3	PAINT – TYPE #3

DIVISION 10 SPECIALTIES

10100 VISUAL DISPLAY BOARDS

10100.C0	MARKER BOARD
10100.D0	TACK BOARD

10425 SIGNS

10425.A0	SIGNAGE
10425.A1	OIL SIGNAGE
10425.B1	WELDING SIGNAGE
10425.C1	ACCESSIBLE SIGNAGE
10425.D1	ACCESSIBLE/UNISEX RESTROOM SIGNAGE

10500 METAL LOCKERS AND STORAGE CABINETS

10500.A0	METAL LOCKERS
10500.B0	METAL STORAGE CABINETS

10522 FIRE EXTINGUISHERS, CABINETS, AND ACCESSORIES

10522.A0 FIRE EXTINGUISHER

10800 TOILET AND BATH ACCESSORIES

10800.B0	PAPER TOWEL DISPENSER & WASTE RECEPTACLE
10800.C0	TOILET TISSUE DISPENSER
10800.D0	MOP RACK
10800.E0	GRAB BAR
10800.E1	GRAB BAR (SHOWER)
10800.H0	SOAP DISPENSER
10800.H1	SOAP DISH
10800.P1	SHOWER CURTAIN ROD
10800.P2	SHOWER CURTAIN
10800.R1	FRAMED MIRROR (SIZE)
10800.T1	FOLDING SHOWER SEAT
10800.T0	METAL SHELF (SIZE)

DIVISION 11 EQUIPMENT

11151 MOBILE LIFT

11151.A0	FIXED LIFT
11151.A0	MOBILE LIFT – (ALT. BID)

DIVISION 12 FURNISHINGS

12511 HORIZONTAL LOUVER BLINDS

12511.A0 HORIZONTAL LOUVER BLINDS

DIVISION 13 SPECIAL CONSTRUCTION

13125 METAL ARCH BUILDING SYSTEM

13125.A0	METAL ARCH BUILDING SYSTEM
13125.B0	STANDING SEAM METAL ROOF
13125.B1	STANDING SEAM METAL ROOF RIDGE
13125.B2	STANDING SEAM METAL CANOPY
13125.C0	METAL RAIN GUTTER W/DOWNSPOUTS
13125.C1	METAL RAIN GUTTER
13125.C2	DOWNSPOUT
13125.C3	GUTTER STRAP, INSTALL AT EVERY OTHER PANEL RIB
13125.D0	METAL FLASHING
13125.D1	METAL DRIP FLASHING
13125.D2	METAL HEAD FLASHING
13125.D3	METAL SILL FLASHING
13125.D4	METAL FLASHING, FINISH TO MATCH ROOF PANELS
13125.D5	RIDGE FLASHING, TO MATCH ROOF PANELS
13125.D6	DOOR HEAD FLASHING
13125.D7	JAMB FLASHING
13125.E0	METAL TRIM
13125.E1	JAMB TRIM
13125.E2	PANEL TRIM
13125.E3	RAKE TRIM
13125.E4	RAKE SLIDE
13125.E5	METAL EAVE CLOSURE
13125.E6	WALL CLOSURE
13125.E7	METAL OUTSIDE CLOSURE
13125.E8	CORNER TRIM
13125.E9	FRAMED OPENING HEADER
13125.F0	METAL WALL PANEL
13125.F1	METAL WALL FASTENER
13125.F2	BLIND RIVET
13125.F3	POP RIVET
13125.G0	METAL FACIA
13125.H0	BREAK METAL
13125.H1	METAL ANGLE
13125.H2	HIGH RAKE SUPPORT ANGLE
13125.H3	RAKE ANGLE
13125.H4	4" x 4" CONT. ANGLE
13125.H5	BACKUP PLATE ANGLE
13125.H6	EAVE SUPPORT ANGLE
13125.H7	EAVE STRUT
13125.J0	STRUCTURAL MEMBER
13125.J1	STRUCTURAL GIRT
13125.J2	PURLIN
13125.K0	CLIP
13125.K1	LOW PANEL CLIP
13125.L1	STEEL COLUMN – PAINTED
13125.L2	STEEL COLUMN – GALV. – PAINTED
13125.M1	STEEL BEAM – GALV. – PAINTED
13125.N1	ANCHOR
13125.N2	FASTENER (SPACING)
13125.P1	DOUBLE BEAD TAPE SEALER
13125.P2	SEALANT
13125.P3	THERMAL BREAK
13125.Q0	METAL VENT
13125.Q1	VENT MATERIAL

DIVISION 14 CONVEYING SYSTEMS

14620 TROLLEY HOIST

14620.A0 TROLLEY HOIST (SIZE) – RE: STRUCTURAL

DIVISION 15 EQUIPMENT

15000 MECHANICAL

15050.A1	MECH. PENETRATIONS
15251.A1	PIPE INSULATION AT ALL EXPOSED PIPE
15410.A0	URINAL
15410.A1	URINAL, ACCESSIBLE
15410.B0	SINK FAUCET
15410.B1	SINK FAUCET W/ADA LEVER HANDLES
15410.C0	UTILITY SINK
15410.D1	FLOOR SINK
15410.E0	TRENCH DRAIN
15410.E1	DRAIN W/ SEDIMENT BUCKET
15410.E2	FLOOR DRAIN
15412.A0	EMERGENCY SHWR & EYE WASH
15452.A1	DRINKING FOUNTAIN
15460.A1	GAS FIRED WATER HEATER
15490.A0	WASTE OIL PUMP
15490.B0	WASTE OIL CARTS
15490.C0	WASTE OIL PIT
15491.A0	AIR COMPRESSOR
15491.B0	OVERHEAD LUBE REEL
15600.A0	NATURAL GAS RADIANT HEATING SYSTEM
15611.A1	GAS FIRED FURNACE
15838.A0	EXHAUST FAN
15838.A1	ROOF TOP EXHAUST FAN
15887.A1	LOUVER W/ BIRD SCREEN

DIVISION 16 ELECTRICAL

16510 INTERIOR LUMINAIRES

16510.A0	INTERIOR LIGHTS
16510.B0	INTERIOR WALL LIGHTS

16520 EXTERIOR LUMINAIRES

16520.A0	EXTERIOR LIGHTS
16520.A1	EXTERIOR LIGHTS IN CANOPY
16520.A2	EXTERIOR WALL MOUNTED LIGHTS

CLIENT

MEADOW
MAINTENANCE FACILITY
STATION #4534
400 N. MAIN
MEADOW, UTAH 84644

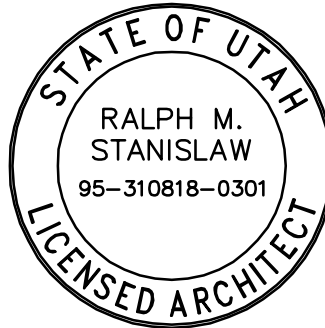
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CONSULTANTS

PROFESSIONAL SEAL



ISSUE

Δ	09/21/05	ADDENDUM #1
	09/02/05	BID DOCUMENTS
	08/12/05	FINAL REVIEW SET
	07/18/05	PRELIMINARY REVIEW SET
MARK	DATE	DESCRIPTION

PROJECT NO:	050008.01
DRAWN BY:	K. PHILLIPS
CHECKED BY:	R. STANISLAW
SCALE:	
DATE:	SEPTEMBER 2, 2005

KEY PLAN

SHEET TITLE

MASTER
KEYNOTE LIST

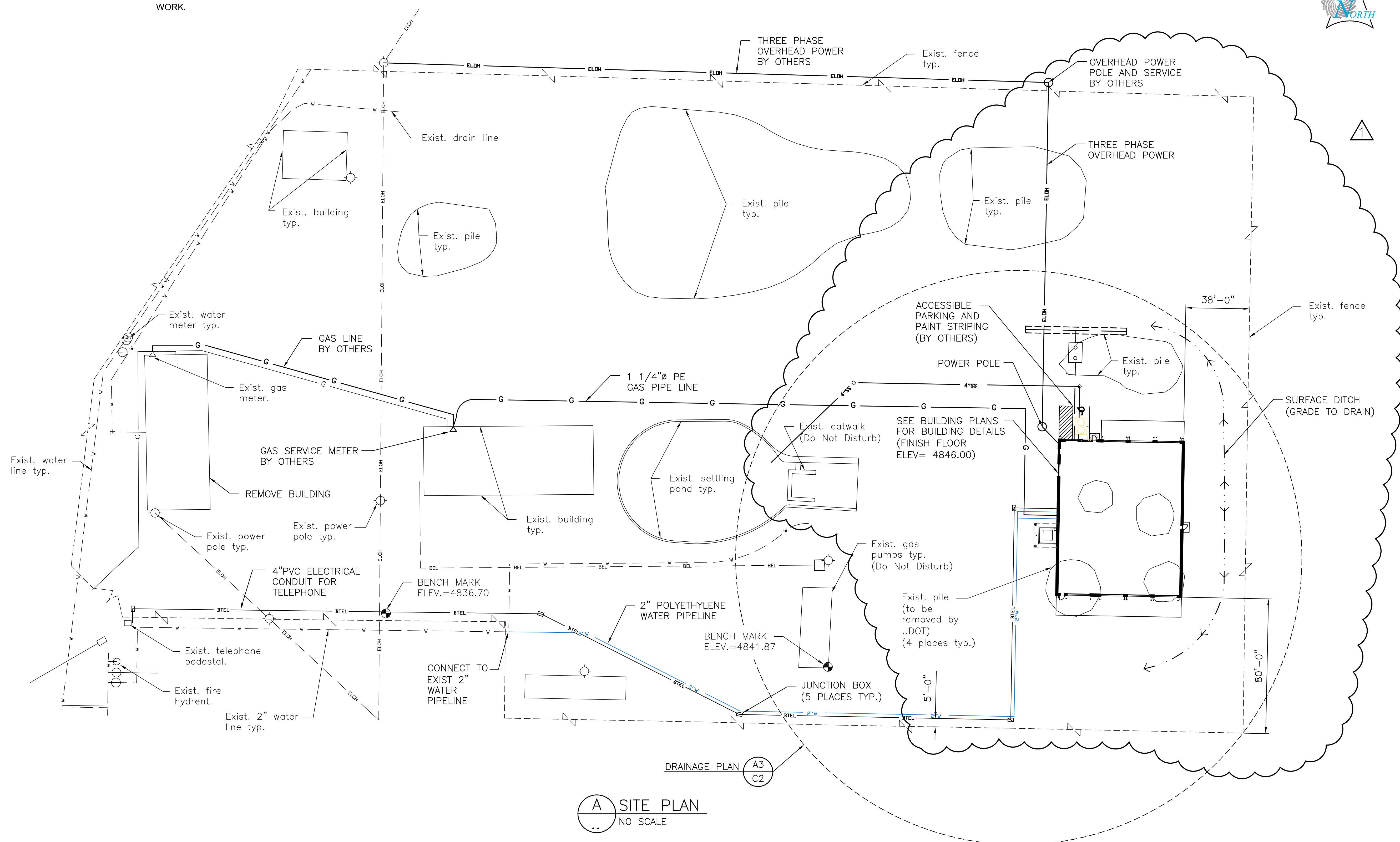
G002



1. MATERIALS, CONSTRUCTION, AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH SUNRISE ENGINEERING, INC. DFCM STANDARD SPECIFICATIONS.
2. OBTAIN THE REQUIRED BUILDING PERMIT AND COORDINATE BUILDING INSPECTIONS WITH THE LOCAL BUILDING INSPECTOR.
3. DO NOT DISTURB EXISTING UTILITIES. LOCATE EXISTING UTILITIES BY "BLUE STAKES". CONTACT AND COORDINATE WITH UTILITY COMPANY FOR UTILITY RELOCATION'S AND INSTALLATIONS AND CONNECTION FEES. COOPERATE WITH THE UTILITY COMPANY FOR ALL RELOCATION'S AND INSTALLATIONS.
4. PROVIDE MEANS OF MANAGING ANY STORM WATER, GROUND WATER, OR NUISANCE SURFACE WATER FROM INTERFERING WITH THE CONSTRUCTION OPERATION AT NO EXTRA COST TO THE PROJECT.
5. JOB SITE VISITS BY THE ENGINEER OR OWNER DURING CONSTRUCTION ARE FOR THE PURPOSE OF OBSERVING THE WORK PERFORMED ONLY AND DO NOT CONSTITUTE ACCEPTANCE OF THE WORK.
6. NOTIFY THE ENGINEER OF ANY DISCREPANCIES, OMISSIONS OR CONFLICTS BETWEEN THE VARIOUS ELEMENTS OF THE WORKING DRAWINGS AND/OR SPECIFICATIONS BEFORE PROCEEDING WITH ANY WORK.

7. VERIFY ALL CONDITIONS, DIMENSIONS AND ELEVATIONS, ETC. AND NOTIFY THE ENGINEER ON ANY DISCREPANCIES. COORDINATE WORK PERFORMED BY ALL TRADES. DO NOT SCALE DRAWINGS.
8. NO SEPARATE PAYMENT WILL BE MADE FOR ANY WORK ITEM THAT IS NOT SPECIFICALLY SET FORTH IN THE CONTRACT. ALL OTHER COSTS ASSOCIATED WITH THE INTENDED SITE WORK SHALL BE CONSIDERED INCIDENTAL WORK AND SHALL BE INCLUDED IN THE BUILDING CONSTRUCTION CONTRACT PRICE.
9. INCLUDE ALL COSTS FOR EXCAVATING, PREPARING THE SUBGRADE INCLUDING CONSTRUCTING EMBANKMENT FILL WHERE REQUIRED FOR THE BUILDING FOUNDATION AND FLOOR IN THE CONTRACT LUMP SUM PRICE FOR THE BUILDING CONSTRUCTION INCLUDING REMOVING AND DISPOSING OF ANY EXCESS EXCAVATED MATERIAL AND GRADING.
10. PROVIDE CONSTRUCTION SURVEY STAKING TO ESTABLISH LINES AND GRADES SPECIFIED FOR THE ENTIRE PROJECT LAYOUT.

11. UTILITIES DESIGNATED ON SITE PLAN AS "BY OTHERS" WILL BE INSTALLED BY THE UTILITY COMPANY. INCLUDE THE COST FOR THE UTILITY COMPANY'S WORK AND UTILITY CONNECTION FEES IN THE CONTRACT PRICE FOR THE BUILDING CONSTRUCTION. CONTACT RON BURNS (MEADOW TOWN 435-842-7102) FOR THE COST REQUIRED FOR THE OVERHEAD POWER AND SERVICE METER AND TERRY BREWER (QUESTAR GAS 435-743-6061) FOR THE COST REQUIRED FOR THE NATURAL GAS PIPELINE AND SERVICE METER. INCLUDE ALL OTHER COST FOR THE INSTALLATION OF THE UTILITIES TO THE BUILDING IN THE CONTRACT PRICE FOR THE BUILDING.
12. FURNISH AND INSTALL 4" PVC ELECTRICAL CONDUIT AND JUNCTION BOXES FOR THE TELEPHONE SERVICE TO THE BUILDING. FRONTIER COMMUNICATIONS WILL FURNISH AND INSTALL TELEPHONE WIRING AT NO COST TO THE PROJECT. COORDINATE CONDUIT INSTALLATION WITH KIM HEALEY (FRONTIER TELEPHONE COMPANY 435-279-7419).
13. CONSTRUCT THREE PHASE OVERHEAD POWER LINE IN ACCORDANCE WITH FLOWELL ELECTRIC SPECIFICATIONS. CONTACT STEVE IVERSON (FLOWELL ELECTRIC 435-701-2581) FOR THESE SPECIFICATIONS.



A SITE PLAN
NO SCALE

CLIENT

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REGISTRATION

LICENSED PROFESSIONAL ENGINEER
No. 186879
ZANE W. PENTZ
STATE OF UTAH

ISSUE

09/21/05	ADDENDUM #1
09/02/05	BID DOCUMENTS
08/12/05	FINAL REVIEW SET
07/18/05	PRELIMINARY REVIEW SET

MARK	DATE	DESCRIPTION
PROJECT NO:	050008.01	
DRAWN BY:	EKC	
CHECKED BY:	ZWP	
SCALE:	1"=30'	
DATE:	AUGUST 12, 2005	

KEY PLAN

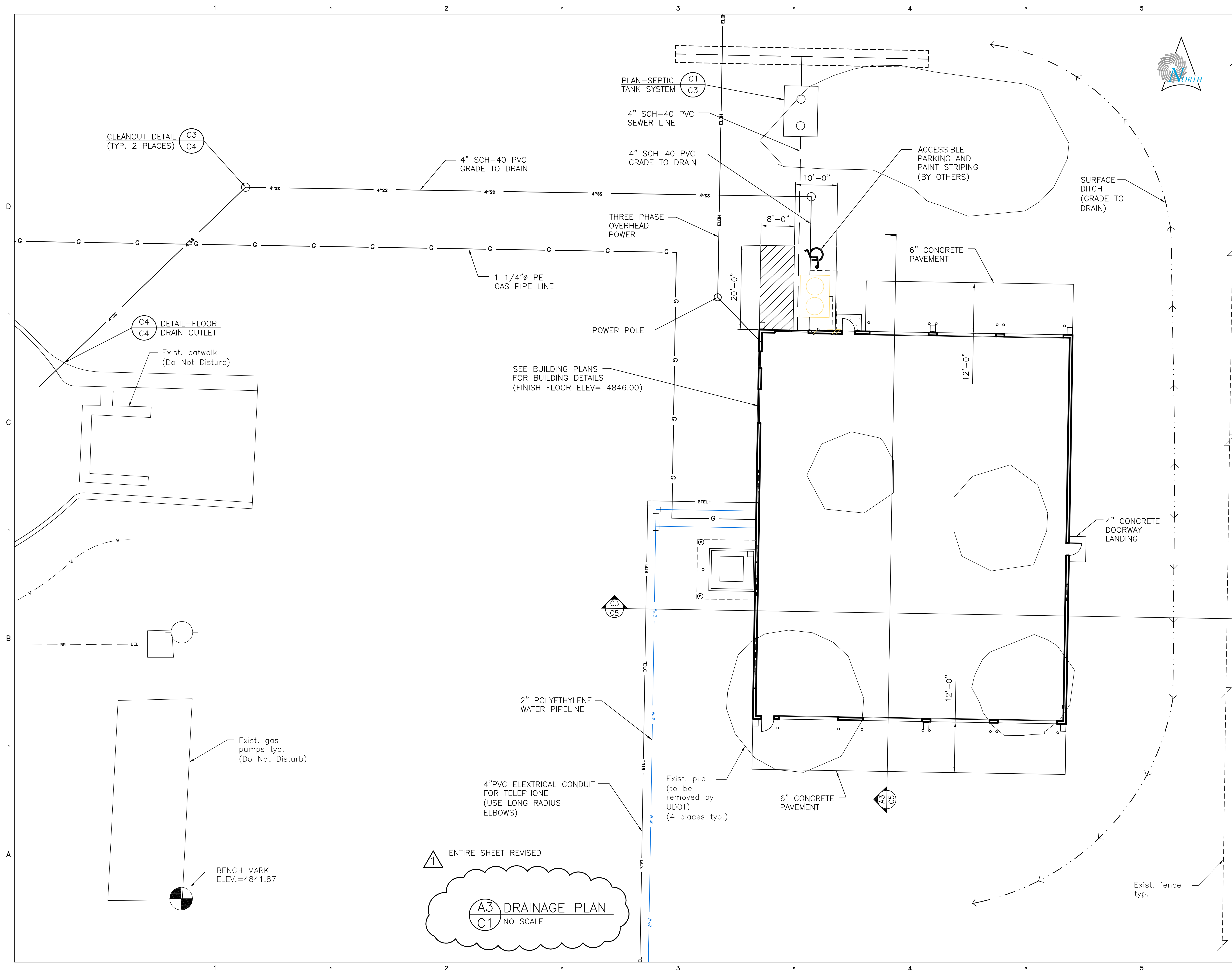
SITE WORK

SHEET TITLE

SITE PLAN

C001

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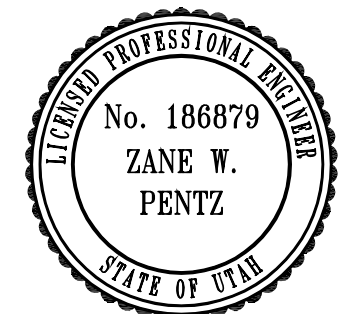


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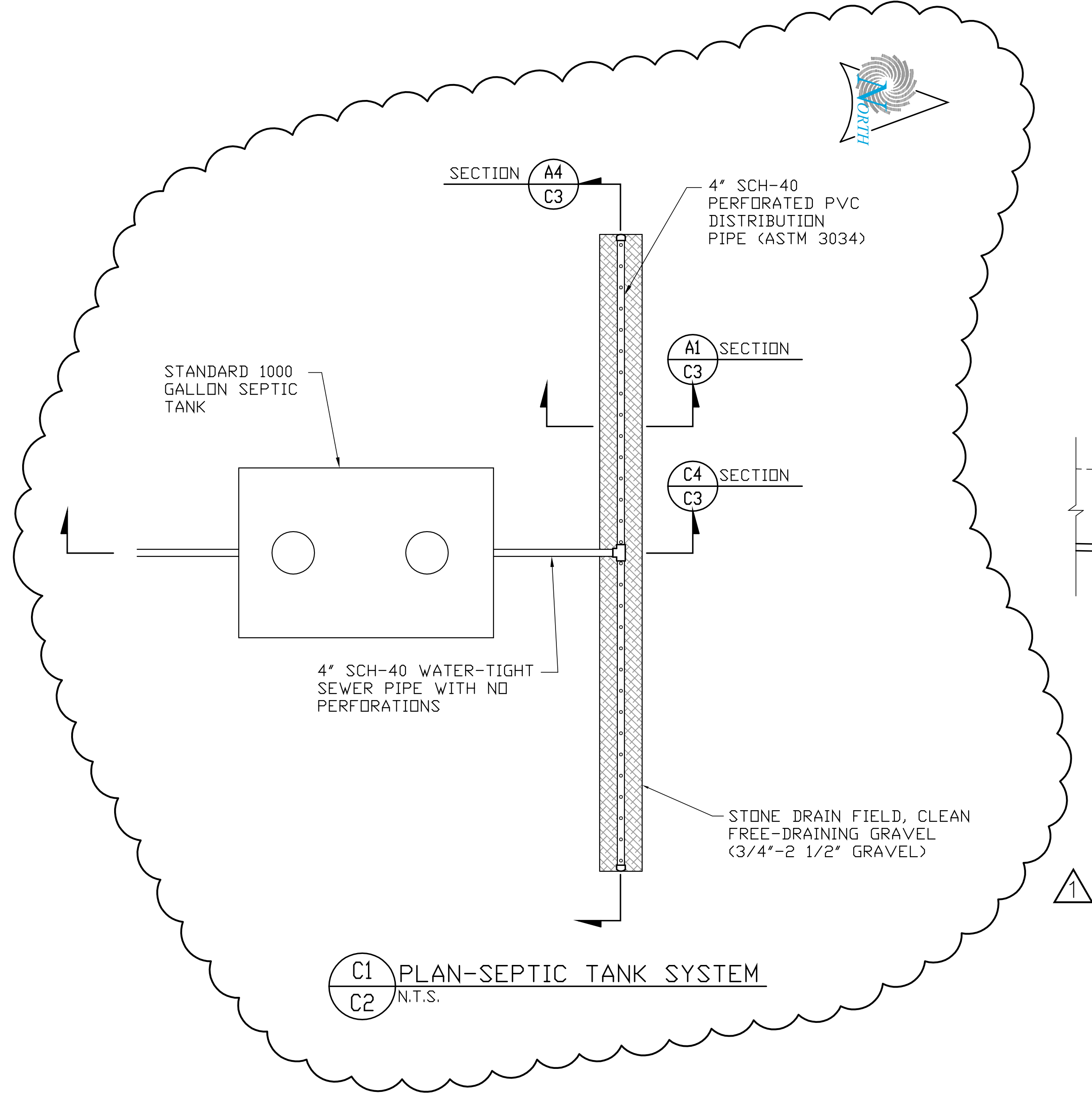
KEY PLAN

SITE WORK

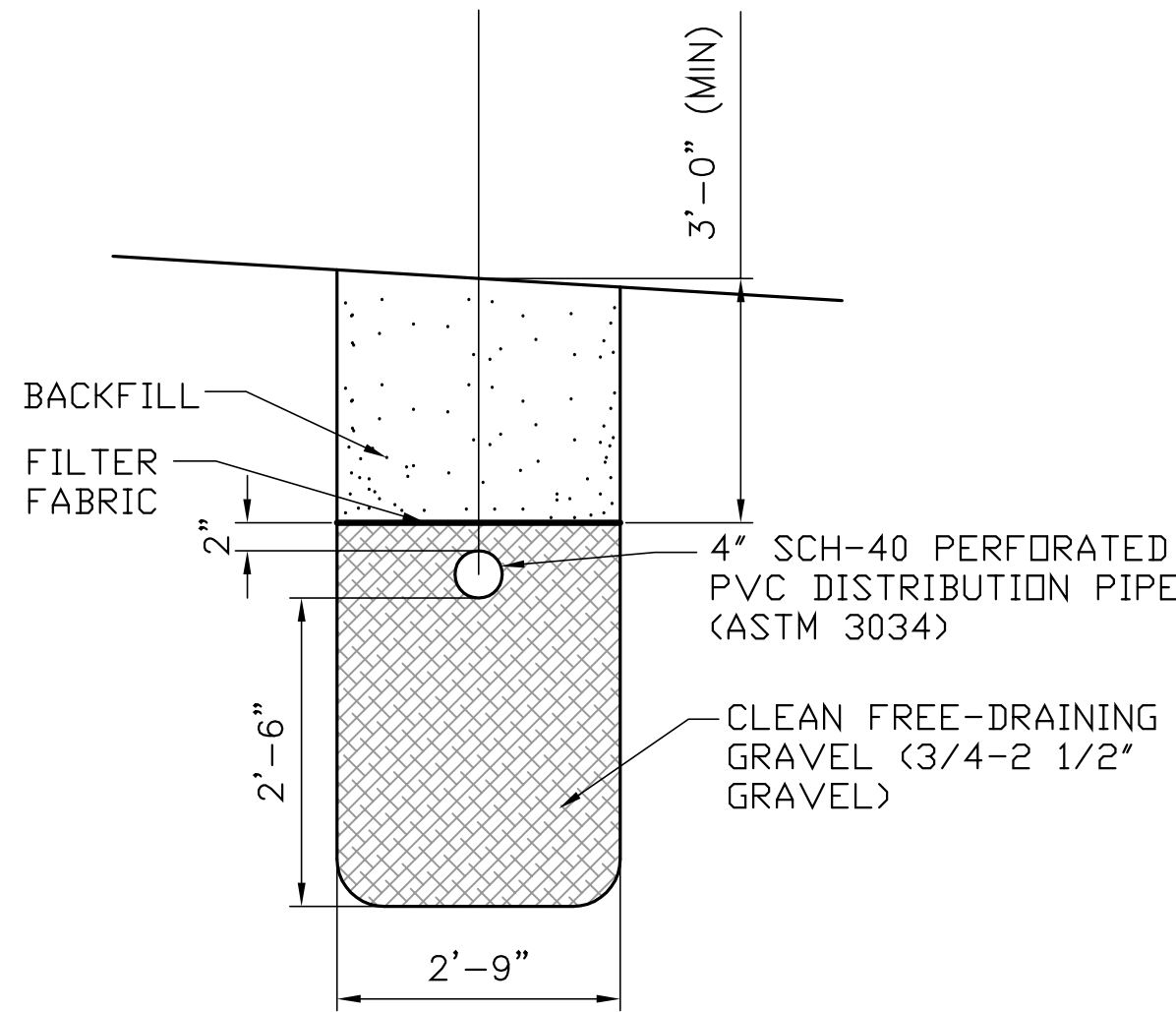
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DRAINAGE PLAN

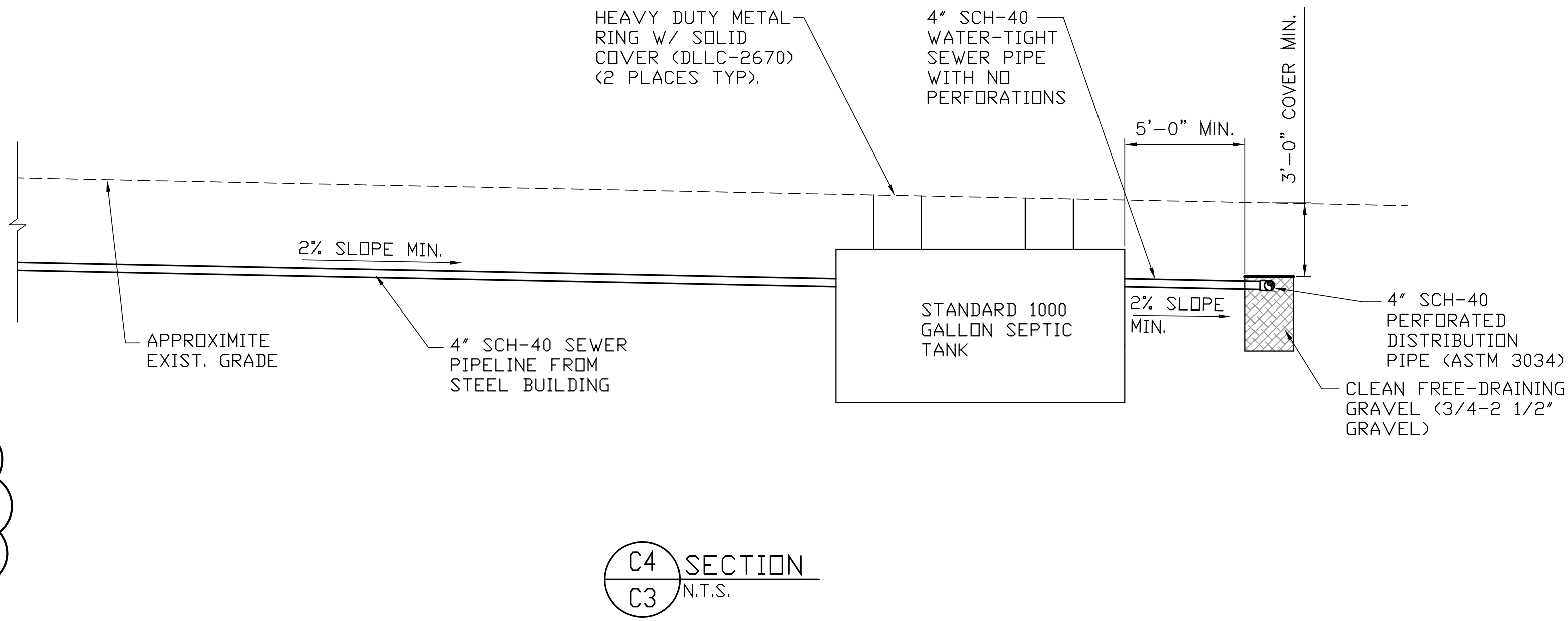
C002



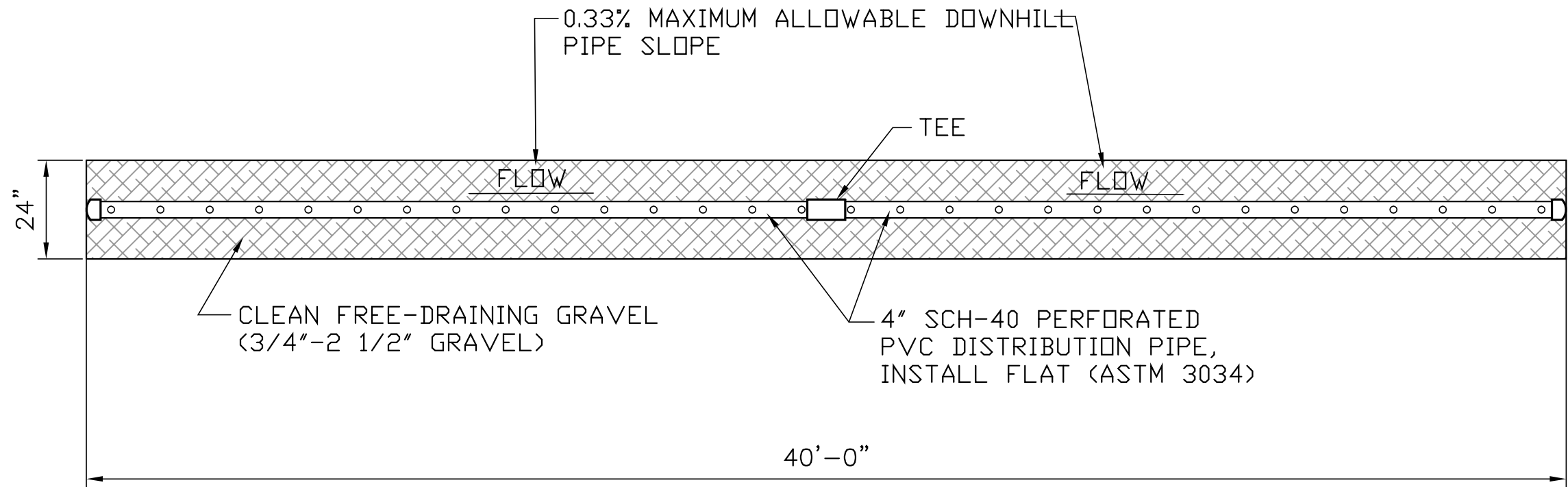
C1 PLAN-SEPTIC TANK SYSTEM
C2 N.T.S.



A1 SECTION
C3 N.T.S.



C4 SECTION
C3 N.T.S.



A4 SECTION
C3 N.T.S.

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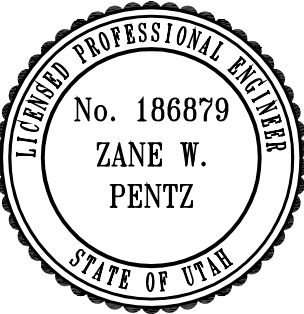
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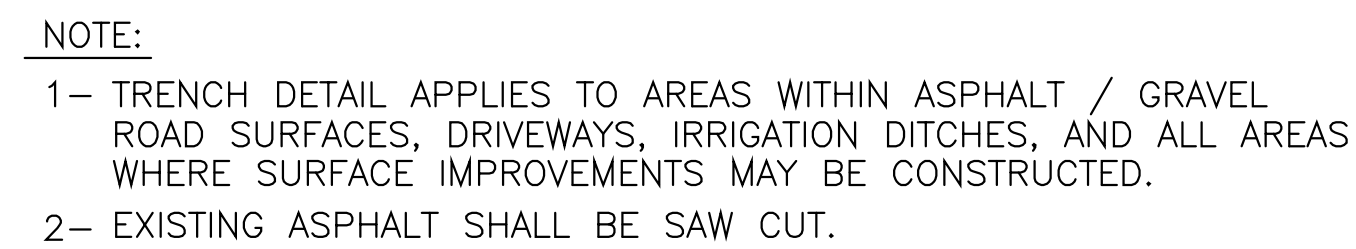
KEY PLAN

SITE WORK

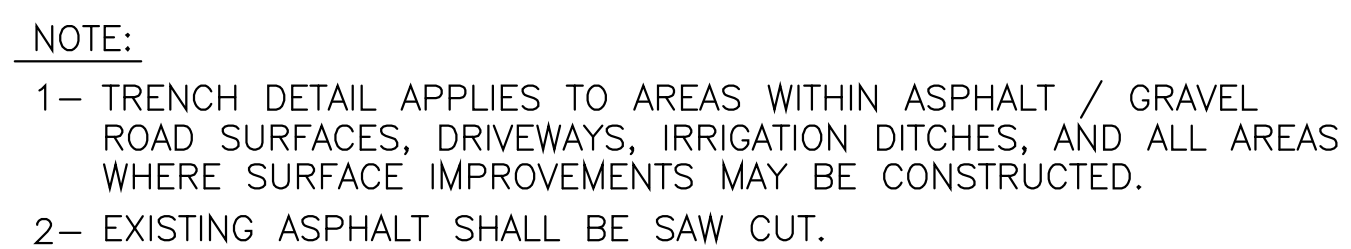
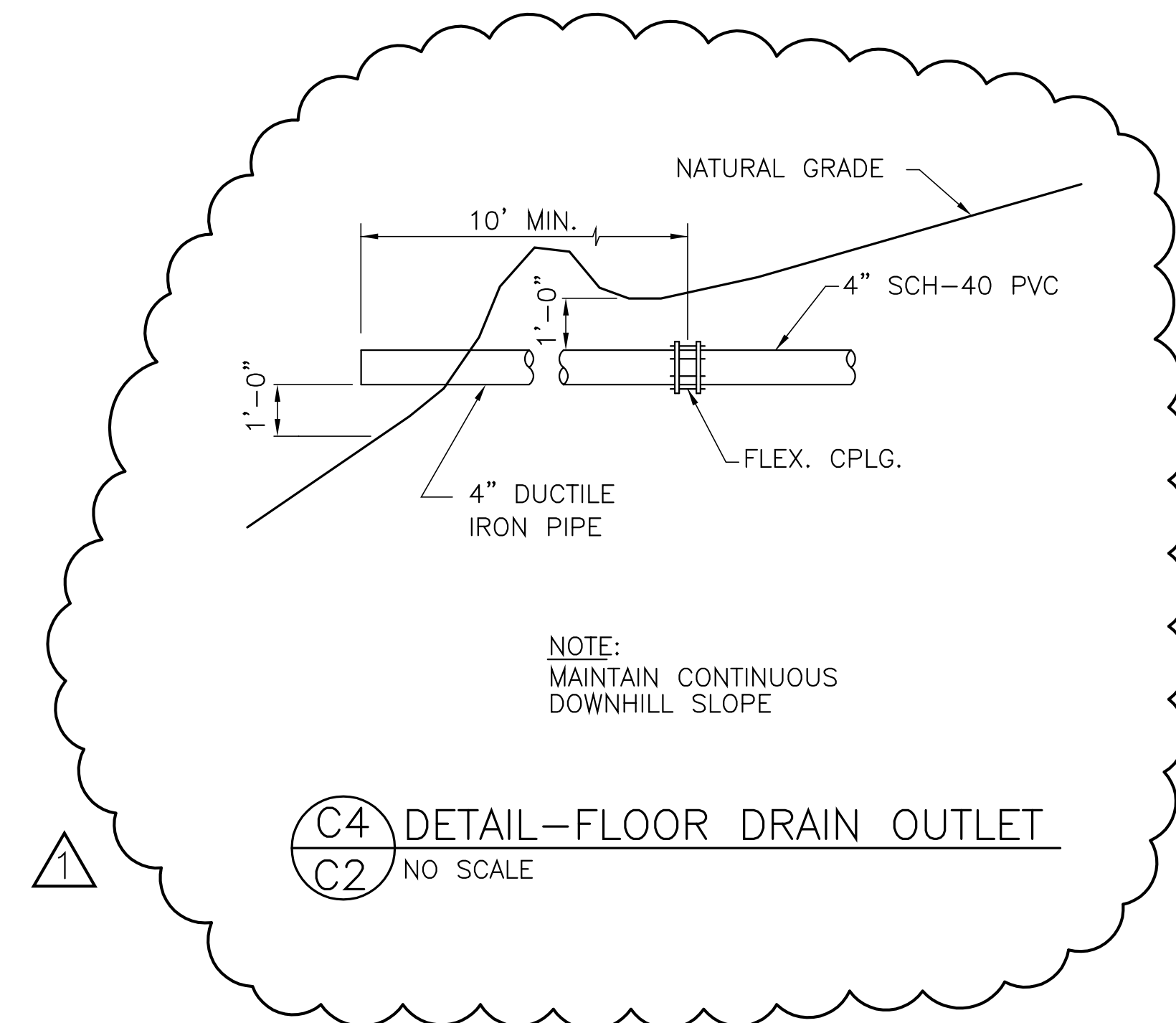
SHEET TITLE

DRAINAGE DETAILS

C003



C1 DETAIL—TRENCH UNDER ROAD SURFACE
TYP NO SCALE




A3 DETAIL—TRENCH UNDER ROAD SURFACE
TYP NO SCALE

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	09/21/05	ADDENDUM #1
	09/02/05	BID DOCUMENTS
	08/12/05	FINAL REVIEW SET
	07/18/05	PRELIMINARY REVIEW SET
MARK	DATE	DESCRIPTION

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DRAWN BY:	EKC
CHECKED BY:	ZWP
SCALE:	N.T.S.
DATE:	AUGUST 12, 2005

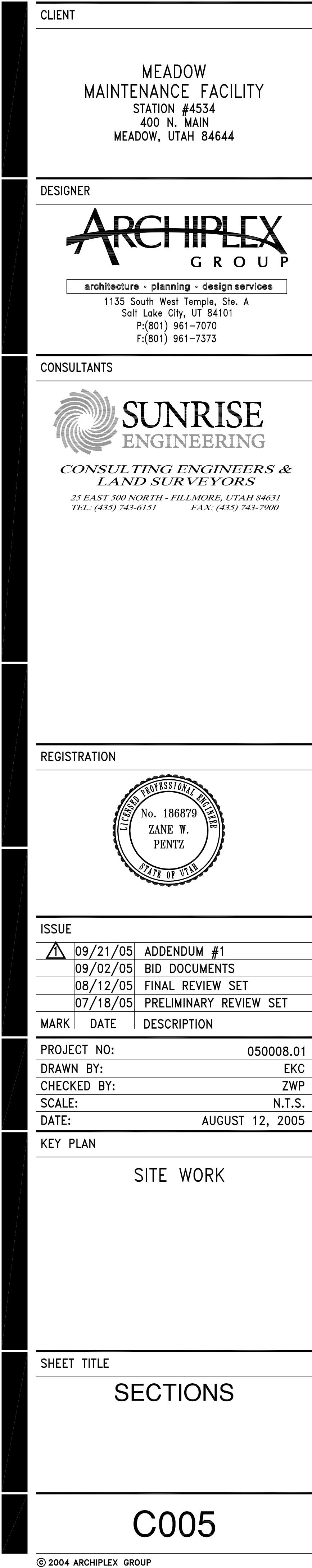
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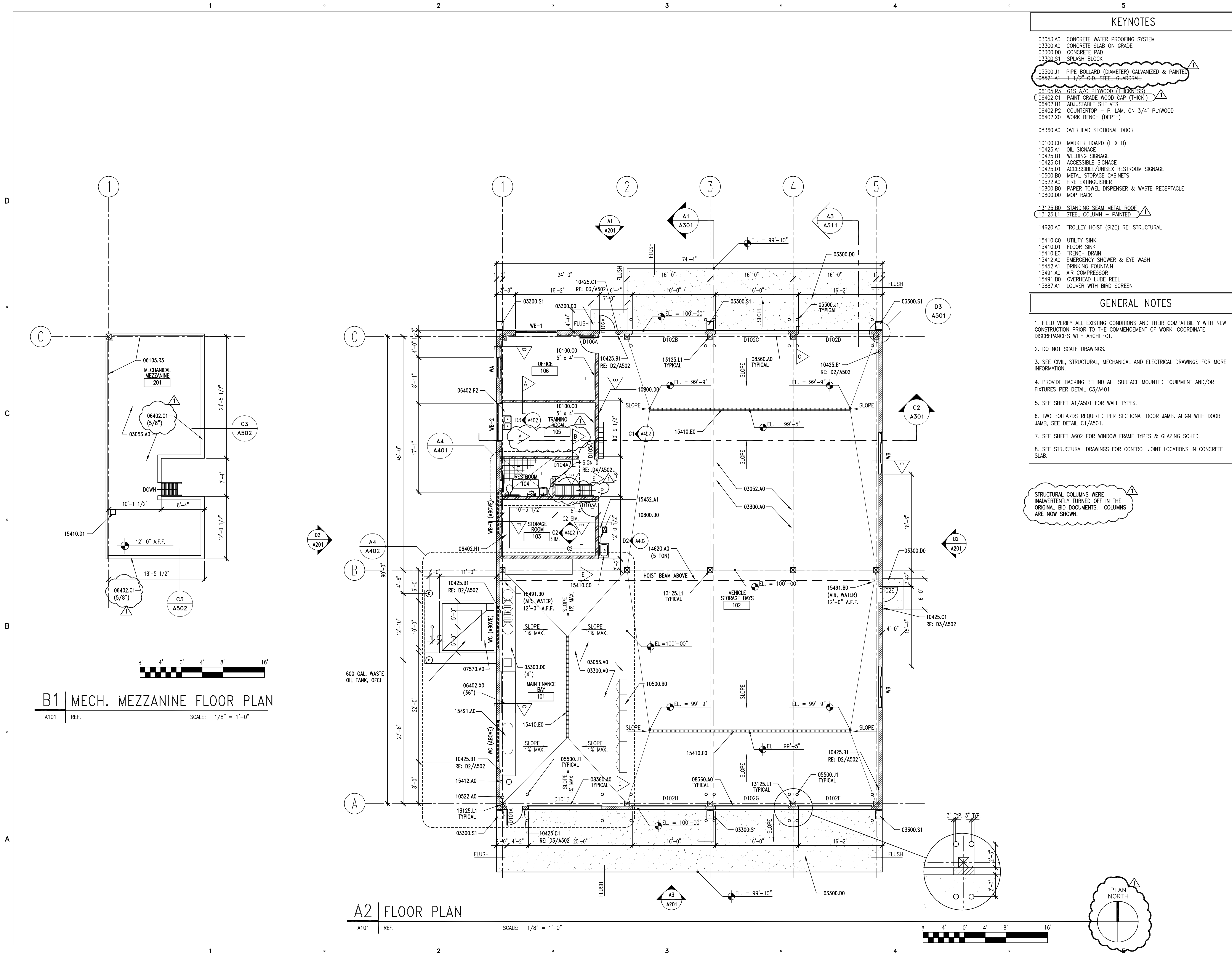
SITE WORK

SHEET TITLE

DRAINAGE & TRENCH DETAILS

C004





KEYNOTES

- 03053.A0 CONCRETE WATER PROOFING SYSTEM
03300.A0 CONCRETE SLAB ON GRADE
03300.D0 CONCRETE PAD
03300.S1 SPLASH BLOCK
05500.J1 PIPE BOLLARD (DIAMETER) GALVANIZED & PAINTED
06521.A1 1 1/2" O.D. STEEL GUARDRAIL
06105.R3 G15 A/C PLYWOOD (THICKNESS)
06402.C1 PAINT GRADE WOOD CAP (THICK.)
06402.H1 ADJUSTABLE SHELVES
06402.P2 COUNTERTOP - P. LAM. ON 3/4" PLYWOOD
06402.X0 WORK BENCH (DEPTH)
08360.A0 OVERHEAD SECTIONAL DOOR
10100.C0 MARKER BOARD (L X H)
10425.A1 OIL SIGNAGE
10425.B1 WELDING SIGNAGE
10425.C1 ACCESSIBLE SIGNAGE
10425.D1 ACCESSIBLE/UNISEX RESTROOM SIGNAGE
10500.B0 METAL STORAGE CABINETS
10522.A0 FIRE EXTINGUISHER
10800.B0 PAPER TOWEL DISPENSER & WASTE RECEPTACLE
10800.D0 MOP RACK
13125.B0 STANDING SEAM METAL ROOF
13125.L1 STEEL COLUMN - PAINTED
14620.A0 TROLLEY HOIST (SIZE) RE: STRUCTURAL
15410.C0 UTILITY SINK
15410.D1 FLOOR SINK
15410.E0 TRENCH DRAIN
15412.A0 EMERGENCY SHOWER & EYE WASH
15452.A1 DRINKING FOUNTAIN
15491.A0 AIR COMPRESSOR
15491.B0 OVERHEAD LUBE REEL
15887.A1 LOUVER WITH BIRD SCREEN

GENERAL NOTES

1. FIELD VERIFY ALL EXISTING CONDITIONS AND THEIR COMPATIBILITY WITH NEW CONSTRUCTION PRIOR TO THE COMMENCEMENT OF WORK. COORDINATE DISCREPANCIES WITH ARCHITECT.
2. DO NOT SCALE DRAWINGS.
3. SEE CIVIL, STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR MORE INFORMATION.
4. PROVIDE BACKING BEHIND ALL SURFACE MOUNTED EQUIPMENT AND/OR FIXTURES PER DETAIL C3/A401
5. SEE SHEET A1/A501 FOR WALL TYPES.
6. TWO BOLLARDS REQUIRED PER SECTIONAL DOOR JAMB. ALIGN WITH DOOR JAMB, SEE DETAIL C1/A501.
7. SEE SHEET A602 FOR WINDOW FRAME TYPES & GLAZING SCHED.
8. SEE STRUCTURAL DRAWINGS FOR CONTROL JOINT LOCATIONS IN CONCRETE SLAB.

STRUCTURAL COLUMNS WERE INADVERTENTLY TURNED OFF IN THE ORIGINAL BID DOCUMENTS. COLUMNS ARE NOW SHOWN.

CLIENT

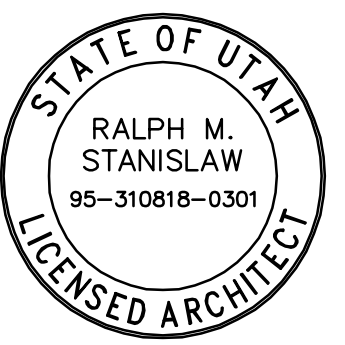
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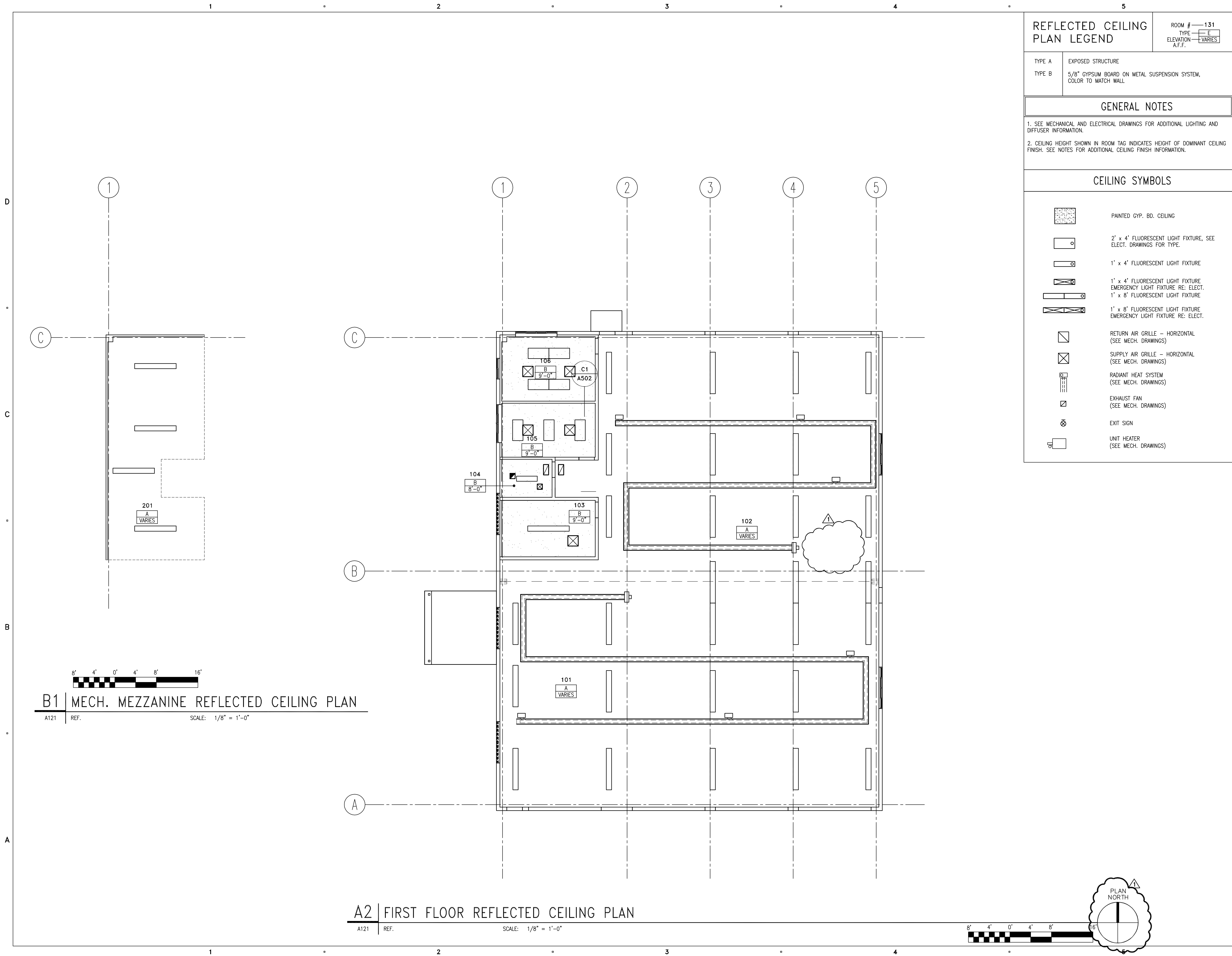
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DRAWN BY:	K. PHILLIPS
CHECKED BY:	R. STANISLAW
SCALE:	1/8"=1'-0"
DATE:	SEPTEMBER 2, 2005

KEY PLAN

SHEET TITLE

FIRST FLOOR AND
MEZZANINE PLANS

A101



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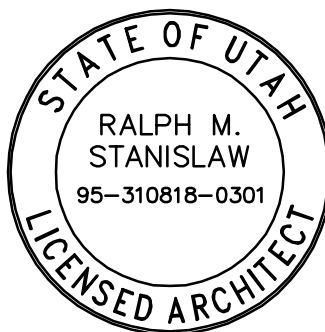
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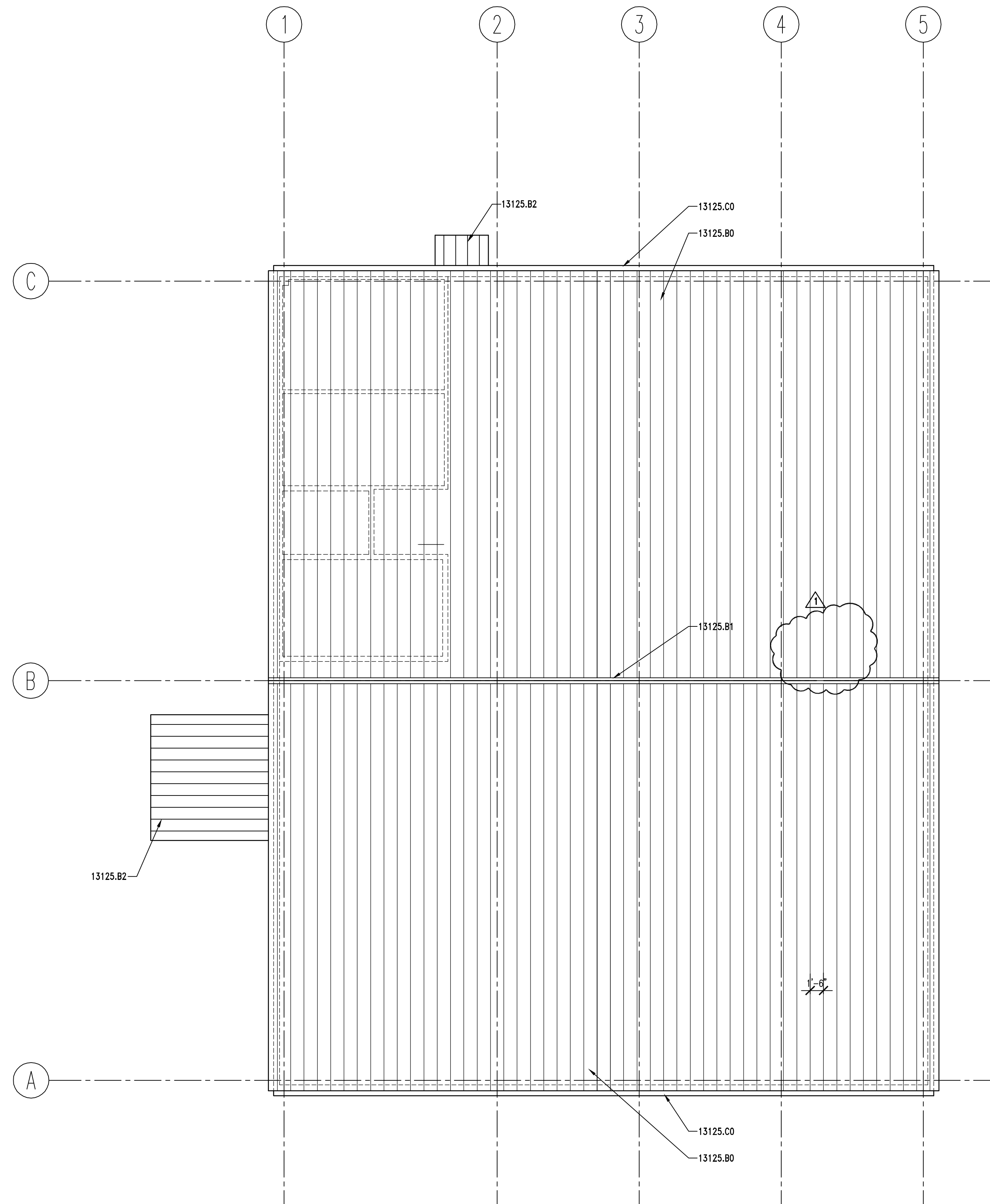
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DRAWN BY:	K. PHILLIPS
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SCALE:	1/8"=1'-0"
DATE:	SEPTEMBER 2, 2005

KEY PLAN

SHEET TITLE

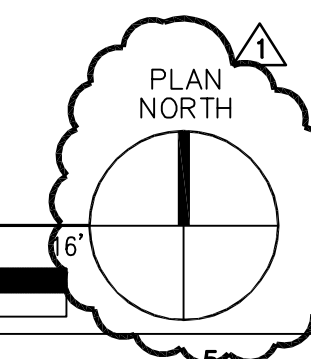
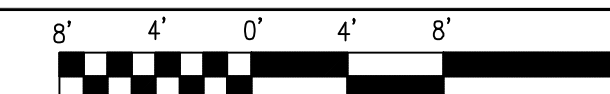
FIRST FLOOR AND
MEZZANINE
REFLECTED
CEILING PLANS

A121



A141	REF.
------	------

SCALE: $1/8" = 1'-0"$



KEYNOTES

13125.B0	STANDING SEAM METAL ROOF (SLOPE 1:12)
13125.C0	METAL RAIN GUTTER W/DOWNSPOUTS
13125.B1	STANDING SEAM METAL ROOF RIDGE
13125.B2	STANDING SEAM METAL CANOPY

~~15838.A1 ROOF TOP EXHAUST FAN~~ (1)

GENERAL NOTES

1. FIELD VERIFY ALL EXISTING CONDITIONS AND THEIR COMPATIBILITY WITH NEW CONSTRUCTION PRIOR TO THE COMMENCEMENT OF WORK. COORDINATE DISCREPANCIES WITH ARCHITECT.

2. DO NOT SCALE DRAWINGS.

3. SEE CIVIL, STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR MORE INFORMATION.

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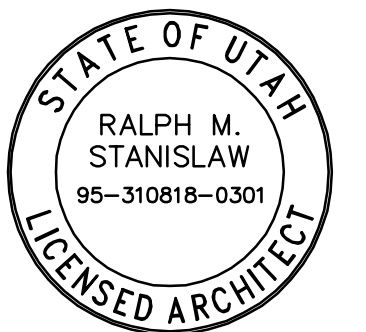
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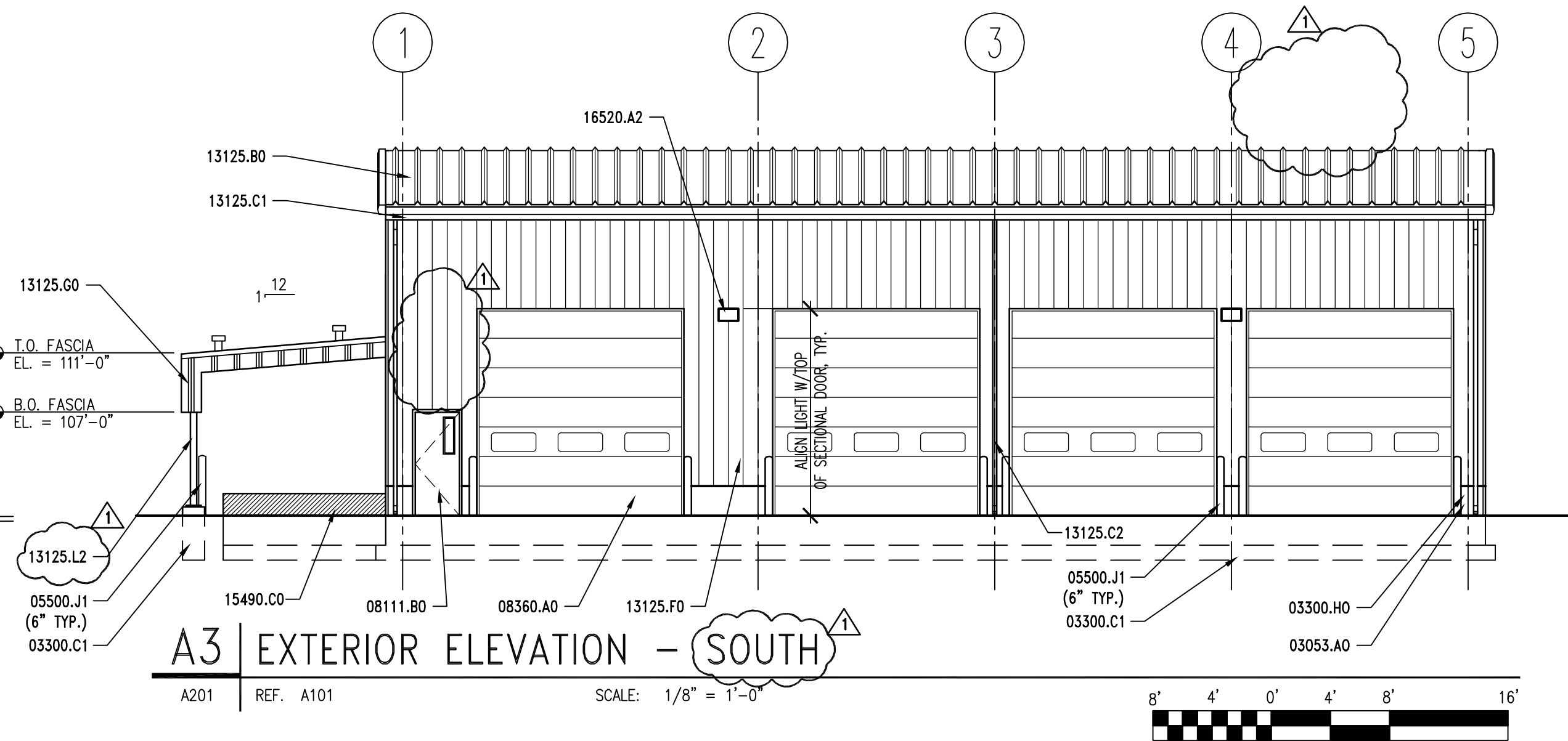
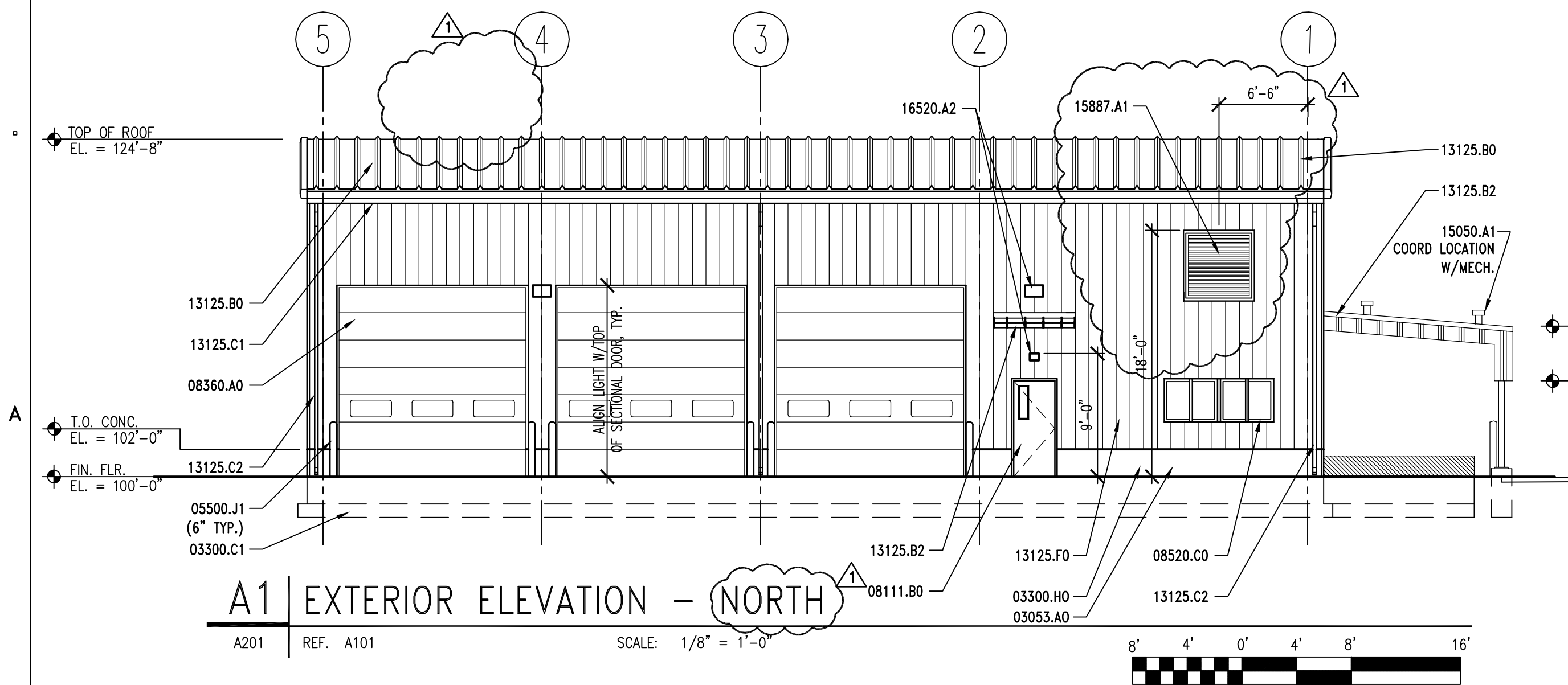
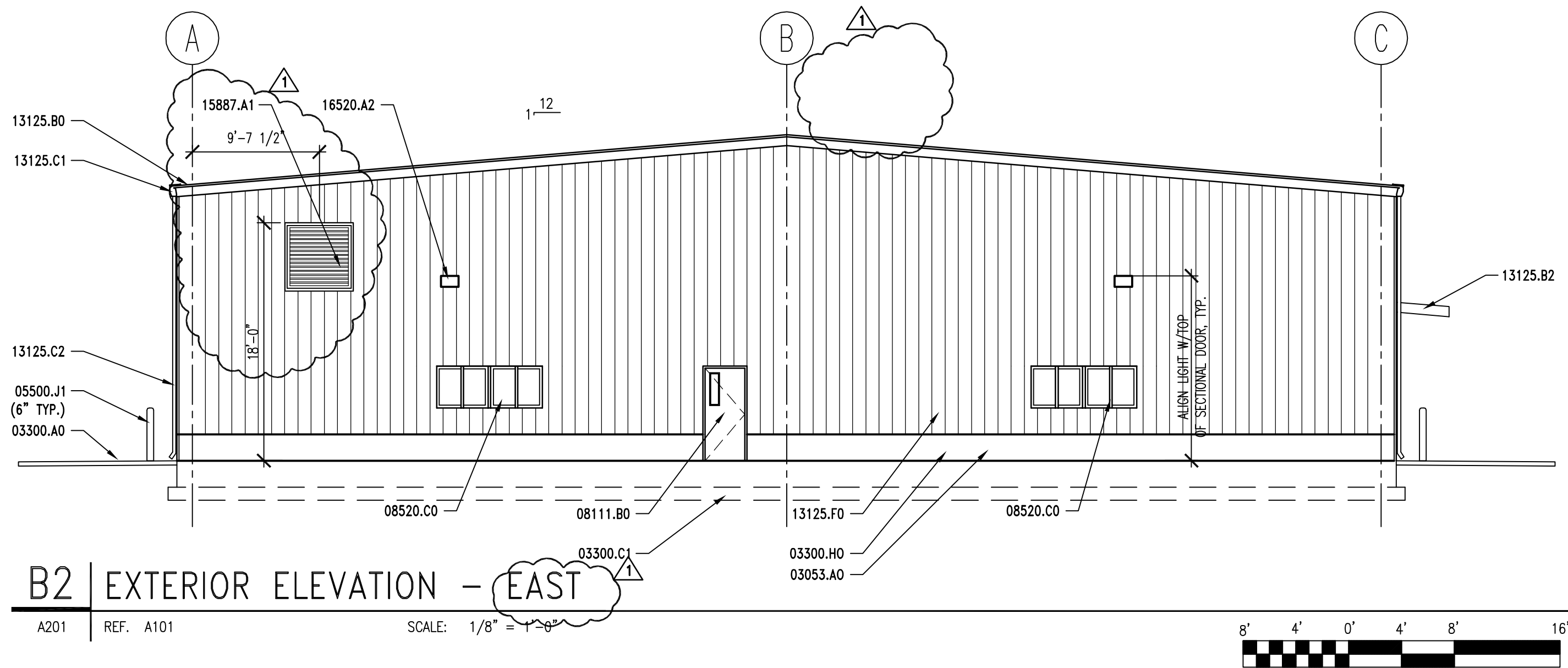
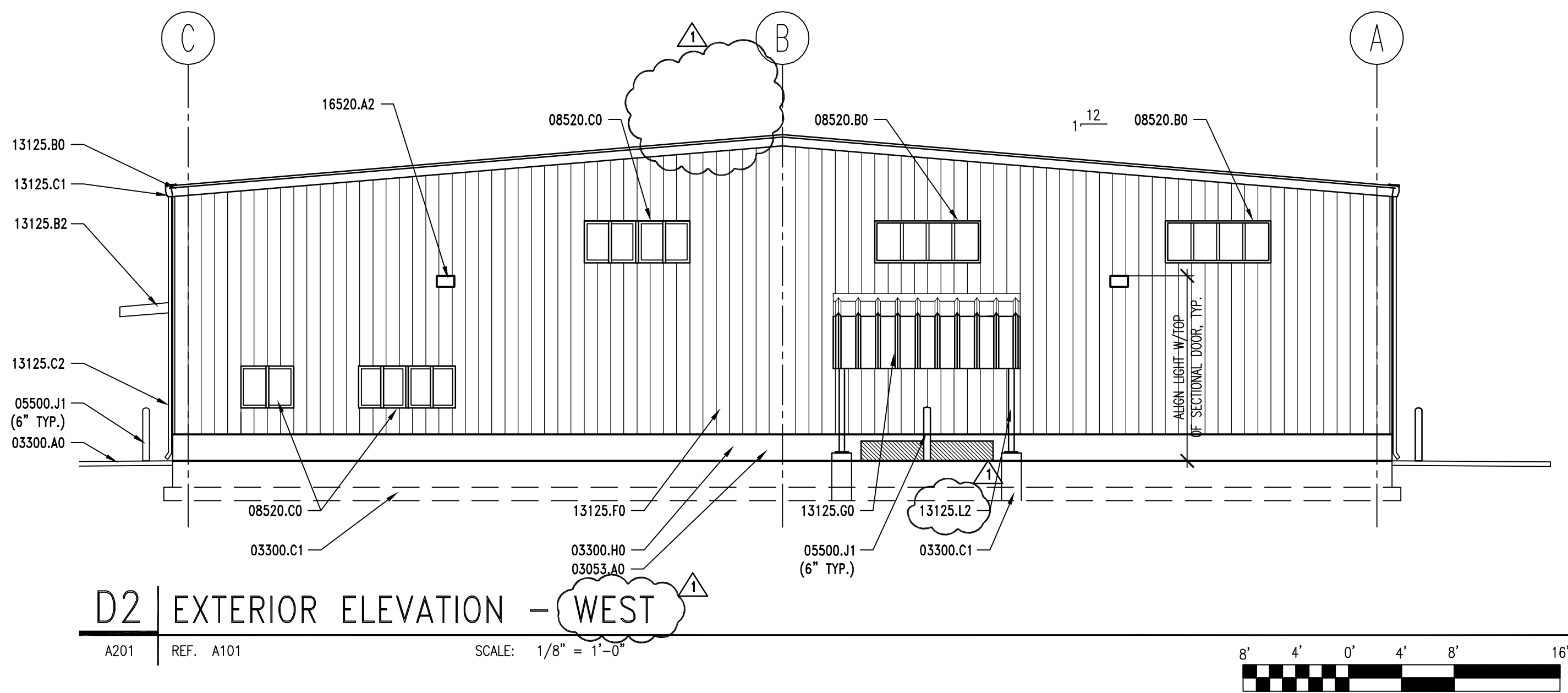
PROJECT NO:	050008.01
DRAWN BY:	K. PHILLIPS
CHECKED BY:	R. STANISLAW
SCALE:	1/8"=1'-0"
DATE:	SEPTEMBER 2, 2005

KEY PLAN

SHEET TITLE

ROOF PLAN

A141



KEYNOTES

- 03053.A0 CONCRETE WATER PROOFING SYSTEM
03300.A0 CONCRETE SLAB ON GRADE
03300.C1 FOOTING-RE: STRUCTURAL
03300.H0 FOUNDATION WALL, RE: STRUCTURAL
- 05500.J1 PIPE BOLLARD (DIAMETER) GALV. AND PAINTED
- 08111.B0 HOLLOW METAL DOOR
08360.A0 OVERHEAD SECTIONAL DOOR
08520.B0 FIXED WINDOW
08520.C0 ALUM. WINDOW W/SLIDING GLASS PANEL
- 13125.B0 STANDING SEAM METAL ROOF
13125.B2 STANDING SEAM METAL CANOPY
13125.C1 METAL RAIN GUTTER
13125.C2 DOWNSPOUT
13125.F0 METAL WALL PANEL
13125.G0 METAL FACIA
13125.L2 STEEL COLUMN - GALV. - PAINTED
- 15050.A1 MECH. PENETRATIONS
15490.C0 WASTE OIL PIT
15887.A1 ROOF-TOP EXHAUST FAN
15887.A1 LOUVER W/ BIRD SCREEN
- 16520.A2 EXTERIOR WALL MOUNTED LIGHTS

EXTERIOR COLOR SCHEDULE

- (13125.B0) METAL ROOF & FASCIA: PREFINISHED TAN TO MATCH EXIST. BLDGS.
(13125.F0) METAL WALL PANEL: PREFINISHED TAN TO MATCH EXIST. BLDGS.
(13125.C2) DOWN SPOUTS: PREFINISHED TO MATCH METAL ROOF
(08111.B0) DOORS & FRAMES: WHITE
(05500.J1) BOLLARDS: OSHA SAFETY YELLOW
(08520.B0) WINDOW FRAMES: PREFINISHED WHITE
(15490.C0) WASTE OIL PIT: OSHA SAFETY RED

GENERAL NOTES

1. FIELD VERIFY ALL EXISTING CONDITIONS AND THEIR COMPATIBILITY WITH NEW CONSTRUCTION PRIOR TO THE COMMENCEMENT OF WORK. COORDINATE DISCREPANCIES WITH ARCHITECT.
2. DO NOT SCALE DRAWINGS.
3. SEE SHEET A602 FOR WINDOW TYPES AND DETAILS.
4. SEE CIVIL, STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR MORE INFORMATION.

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400 N. MAIN
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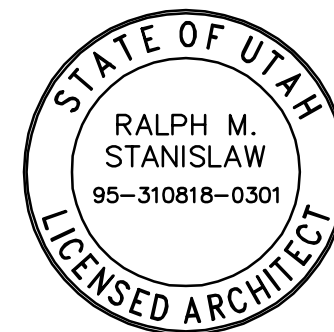
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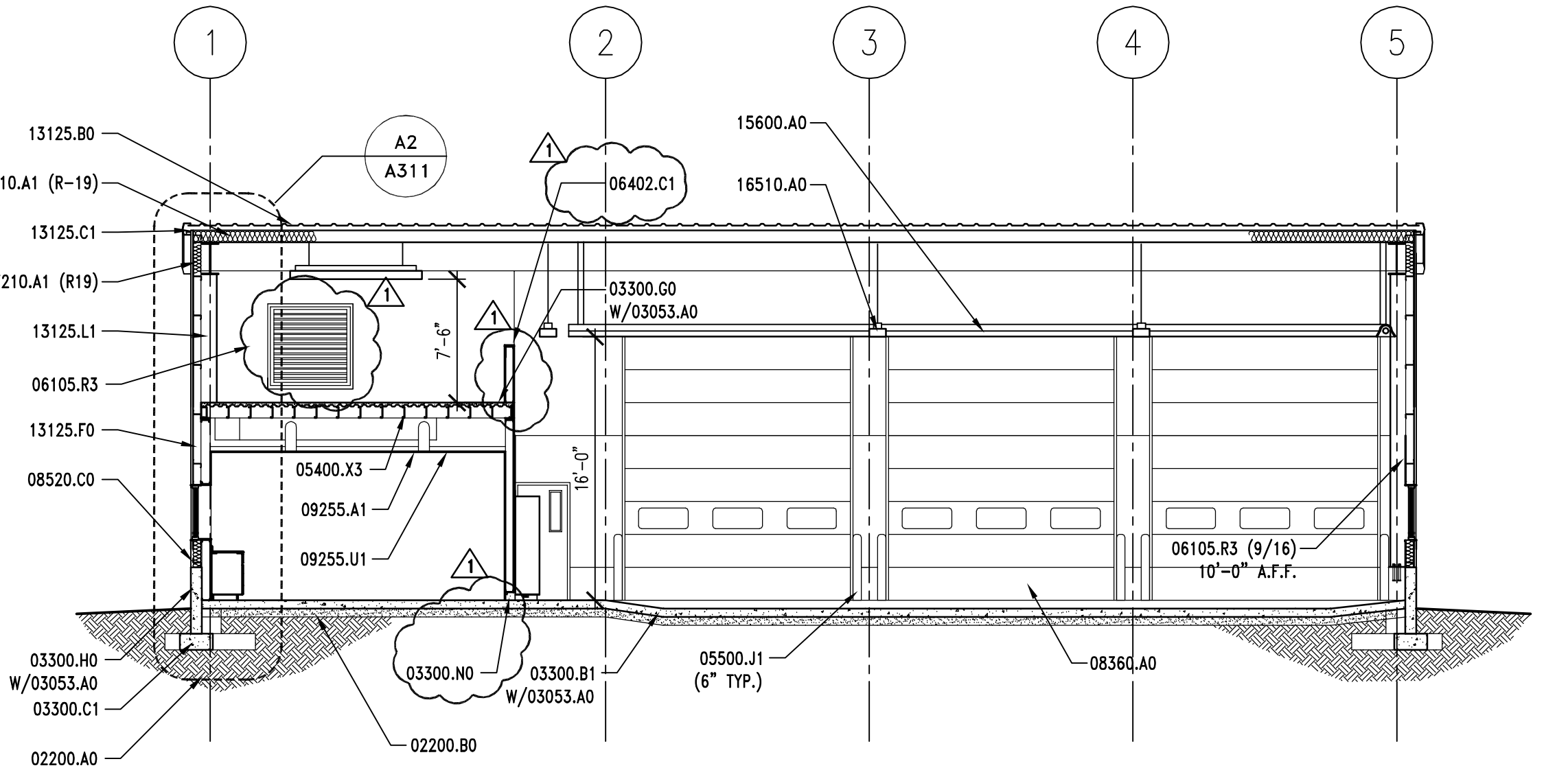
PROJECT NO:	050008.01
DRAWN BY:	K. PHILLIPS
CHECKED BY:	R. STANISLAW
SCALE:	1/8"=1'-0"
DATE:	SEPTEMBER 2, 2005

KEY PLAN

SHEET TITLE

EXTERIOR ELEVATIONS

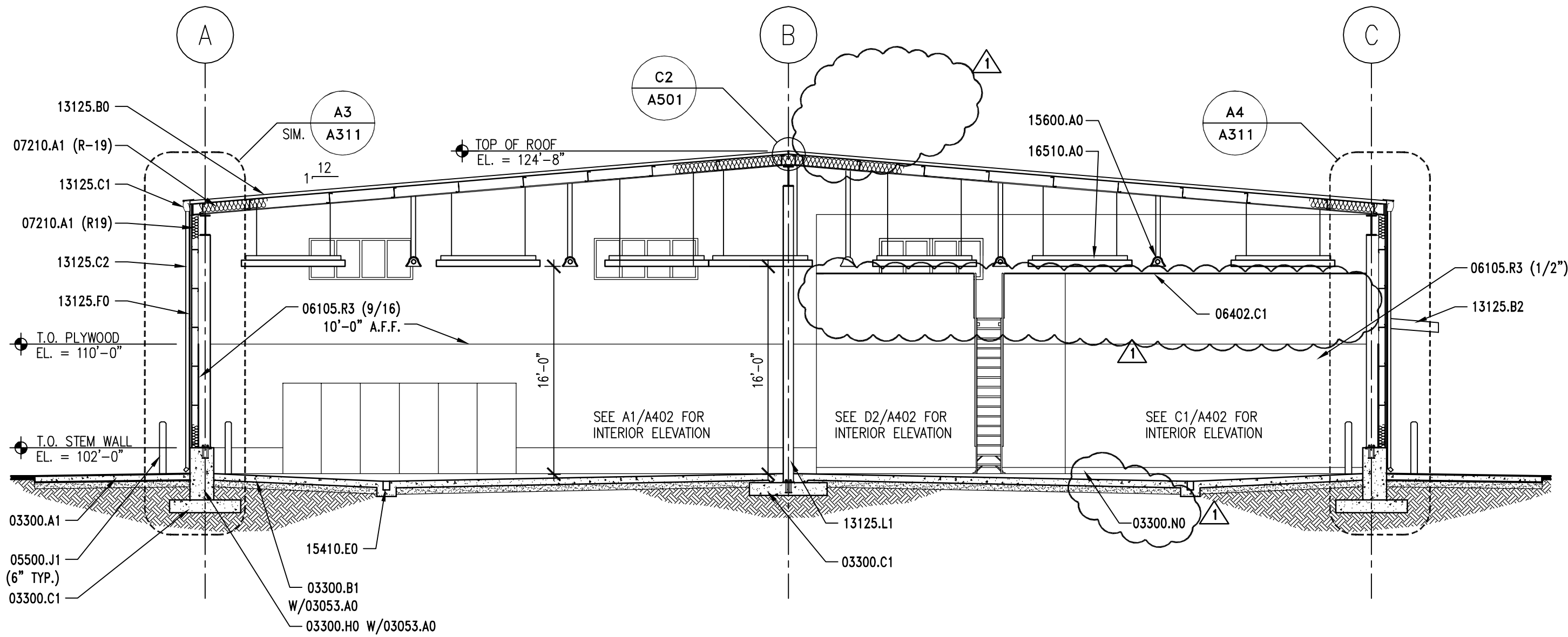
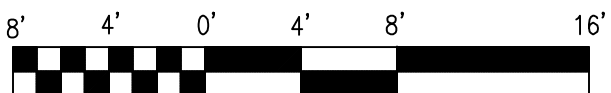
A201



C2 | BUILDING SECTION

A301 REF. A101

SCALE: 1/8" = 1'-0"



A1 | BUILDING SECTION

A301 REF. A101

SCALE: 1/8" = 1'-0"



KEYNOTES

02200.A0	COMPACTED FILL
02200.B0	GRAVEL BASE
03053.A0	CONCRETE WATER PROOFING SYSTEM
03300.A1	CONCRETE SLAB-ON-GRADE - RE: STRUCTURAL
03300.B1	CONCRETE SLAB - RE: STRUCTURAL
03300.C1	FOOTING-RE: STRUCTURAL
03300.H0	FOUNDATION WALL, RE: STRUCTURAL
03300.G0	CONCRETE OVER METAL DECK - RE: STRUCTURAL
03300.N0	CONCRETE CURB
05500.J1	PIPE BOLLARD (DIAMETER) GALV. AND PAINTED
06402.A1	1 1/2" O.D. STEEL GUARDRAIL
06105.R3	G1S A/C PLYWOOD (THICKNESS)
06402.C1	PAINT GRADE WOOD CAP (THICK.)
07210.A1	BATT INSULATION (R-VALUE)
08360.A0	OVERHEAD SECTIONAL DOOR
08520.B0	FIXED WINDOW
08520.C0	ALUM. WINDOW W/SLIDING GLASS PANEL
09255.A1	GYPSUM BOARD (THICKNESS)
09255.U1	SUSPENDED CEILING SYSTEM
13125.B0	STANDING SEAM METAL ROOF
13125.B2	STANDING SEAM METAL CANOPY
13125.C1	METAL RAIN GUTTER
13125.C2	DOWNSPOUT
13125.E3	RAKE TRIM
13125.F0	METAL WALL PANEL
13125.L1	STEEL COLUMN - PAINTED
15410.E0	TRENCH DRAIN
15600.A0	NATURAL GAS RADIANT HEATING SYSTEM
16510.A1	ROOF TOP EXHAUST FAN
16510.A0	INTERIOR LIGHTS

GENERAL NOTES

1. FIELD VERIFY ALL EXISTING CONDITIONS AND THEIR COMPATIBILITY WITH NEW CONSTRUCTION PRIOR TO THE COMMENCEMENT OF WORK. COORDINATE DISCREPANCIES WITH ARCHITECT.
2. DO NOT SCALE DRAWINGS.
3. SEE SHEET A602 FOR WINDOW TYPES AND DETAILS.
4. SEE CIVIL, STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR MORE INFORMATION.

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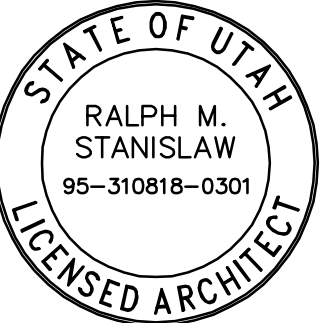
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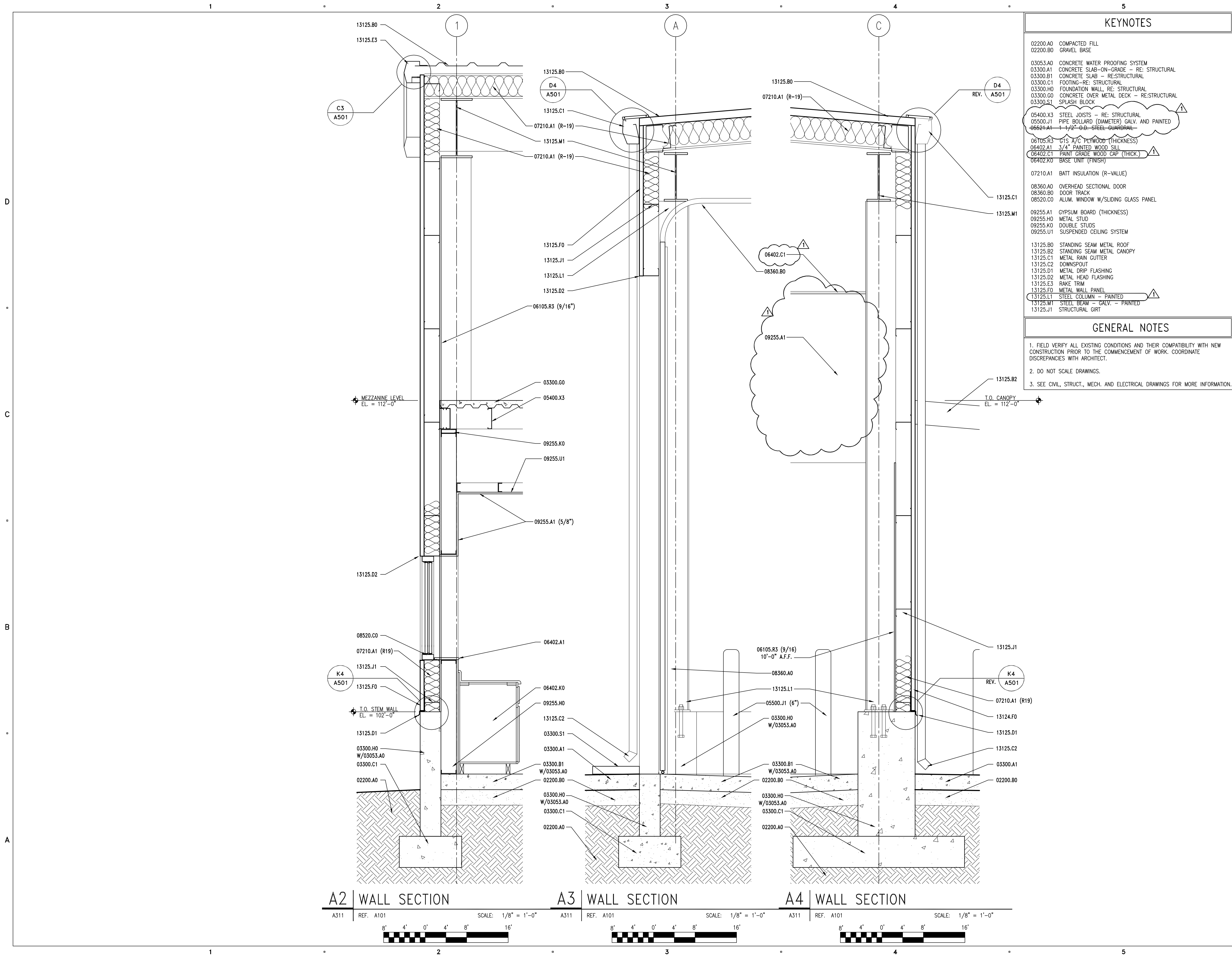
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DRAWN BY:	K. PHILLIPS
CHECKED BY:	R. STANISLAW
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KEY PLAN

SHEET TITLE

BUILDING SECTIONS

A301



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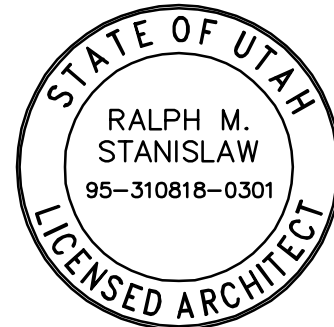
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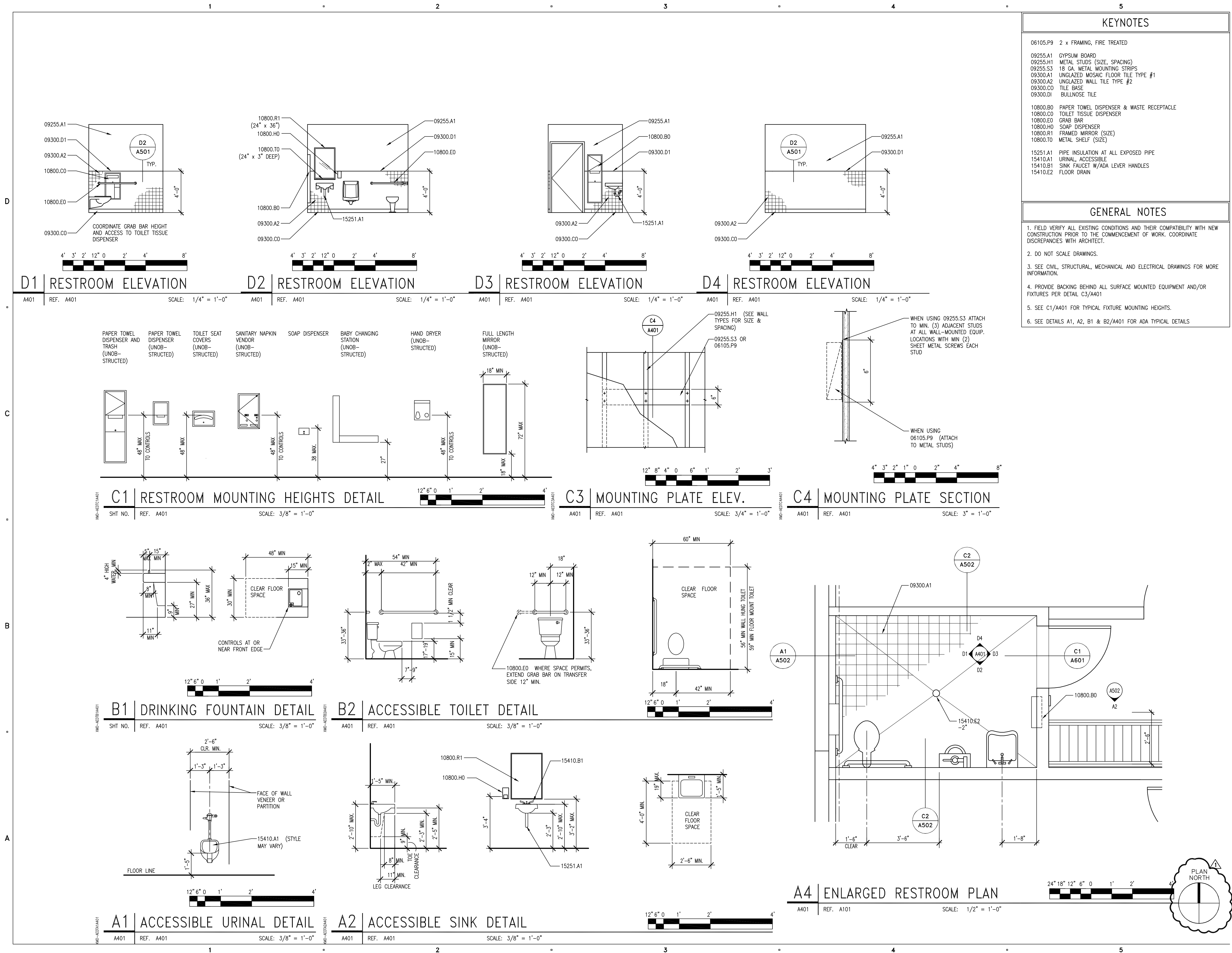
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DRAWN BY:	K. PHILLIPS
CHECKED BY:	R. STANISLAW
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DATE:	SEPTEMBER 2, 2005

KEY PLAN

SHEET TITLE

WALL SECTIONS

A311



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MAINTENANCE FACILITY
STATION #4534
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MEADOW, UTAH 84644

DESIGNER

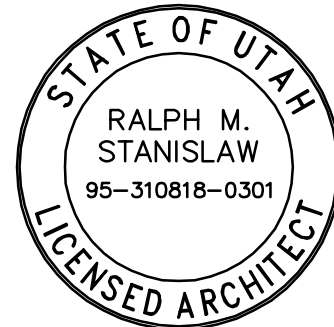
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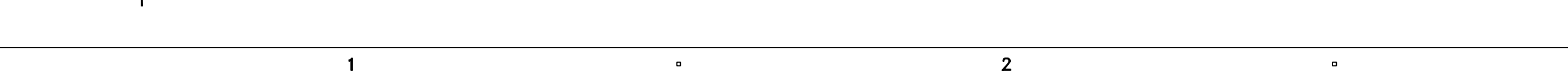
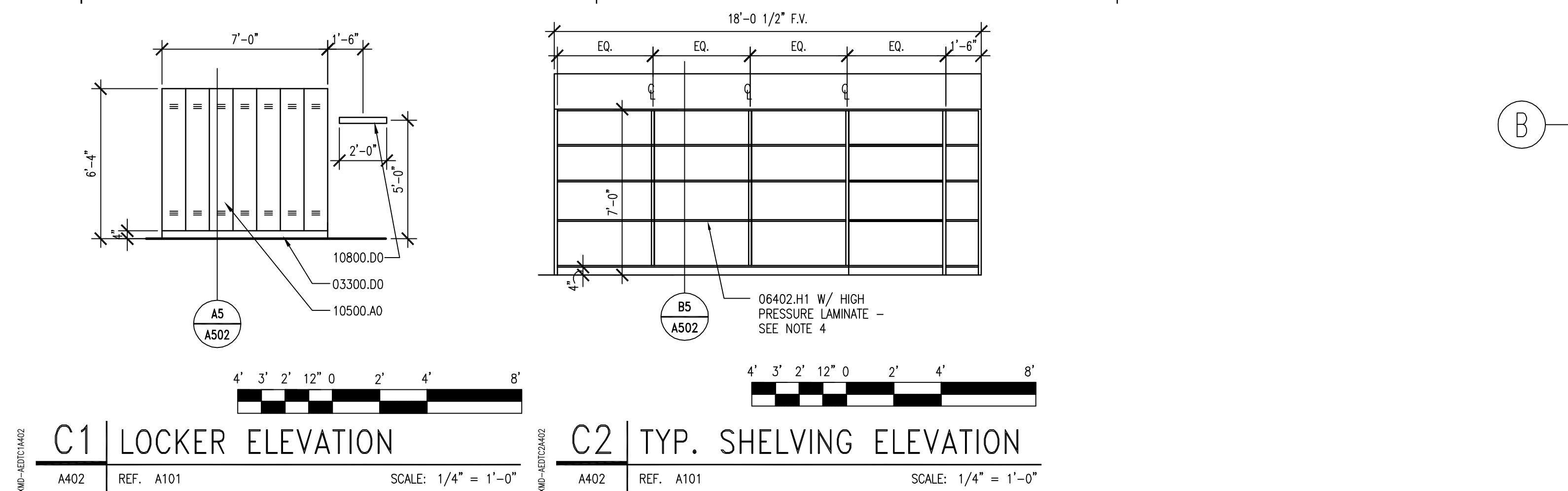
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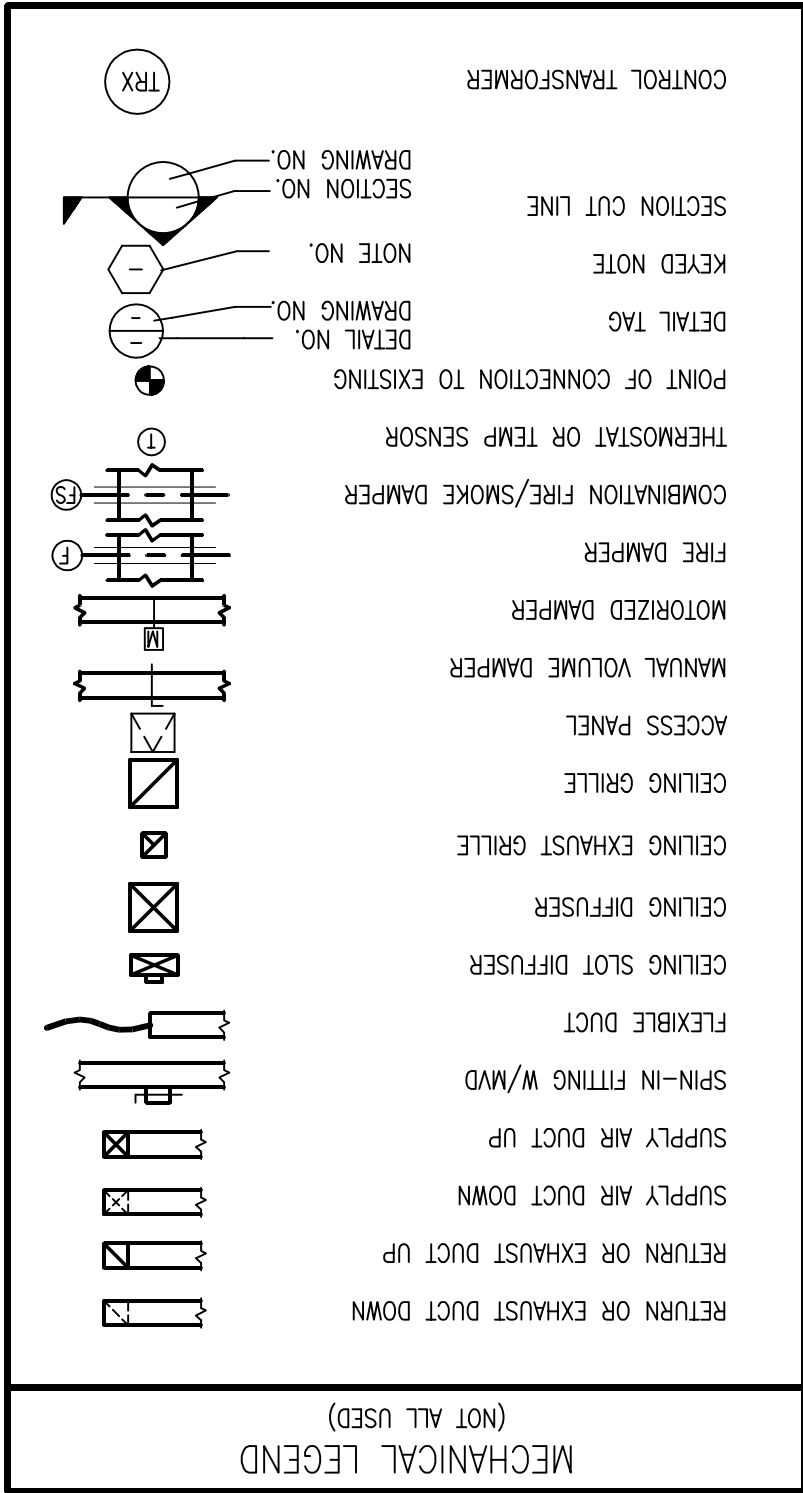
SHEET TITLE

ENLARGED RESTROOM
FLOOR PLAN, INTERIOR
ELEVATIONS AND
DETAILS

A401

[illegible]

A402

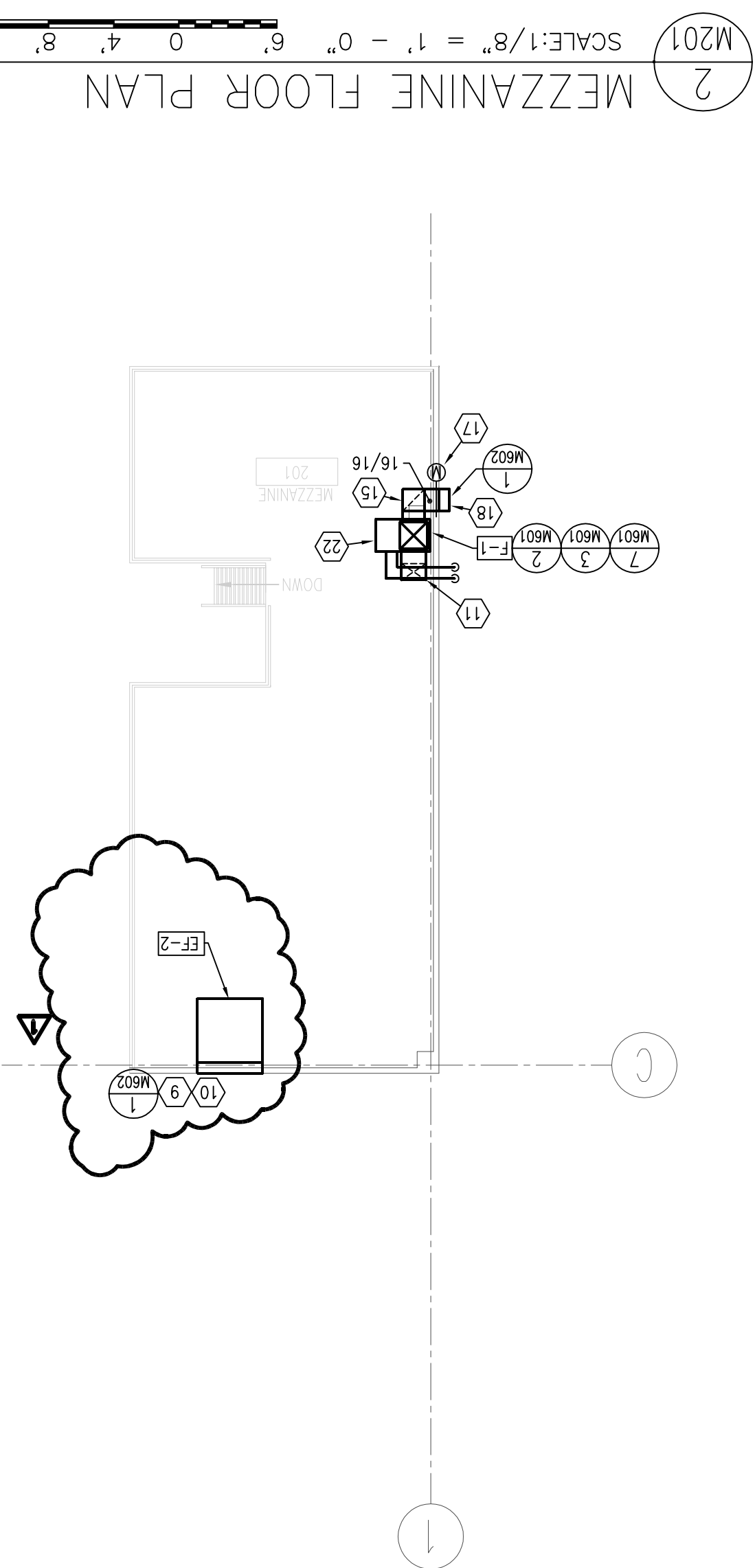


- GENERAL NOTES:
- COORDINATE ALL FIRE SPRINKLER HEADS AND AIR DEVICE LOCATIONS WITH REFLECTED CEILING PLANS AND ELECTRICAL DRAWINGS.
 - RETURN OR EXHAUST DUCT DOWN AND TRIM AND SEAL JOINTS. LOW PRESSURE ROUND FLEXIBLE DUCT TO BE 1- $\frac{1}{2}$ " THICK INSULATED AND A MAXIMUM OF 6 FT. LONG. ALL INSULATION TO MEET NFPA 90 PER UL 181-CLASS 1. NO DUCTBOARD ALLOWED.
 - ALL DUCTWORK IS TO BE LINED OR WRAPPED IF ROUND. NO DUCTBOARD IS ALLOWED.
 - DUCTWORK AND PPE ROUTING AS SHOWN ON DRAWINGS IS DIAGRAMMATIC AND IS NOT TO BE SCALED. WHERE ALTERNATE ROUTING, OFFSETS AND TRANSMISSIONS ARE REQUIRED FOR COORDINATION OF WORK, THIS CONTRACTOR SHALL MAKE CHANGES WITHOUT ADDITIONAL COSTS.
 - THIS CONTRACTOR SHALL PROVIDE SUBMITTALS ON ITEMS LISTED IN MECHANICAL EQUIPMENT LIST TO THE ENGINEER FOR REVIEW PRIOR TO THE ORDER, PURCHASE OR INSTALLATION.
 - THIS CONTRACTOR SHALL VERIFY ALL MECHANICAL ITEMS PRIOR TO STARTING NEW WORK. ADDITIONAL COST WILL NOT BE ALLOWED FOR CONTRACTOR'S FAILURE TO BECOME FAMILIAR WITH SITE CONDITIONS.
 - THIS CONTRACTOR SHALL FIELD VERIFY ALL MECHANICAL STANDARDS FOR SHEET METAL DUCTS. ALL DUCTWORK (UNLESS OTHERWISE NOTED ON FLOOR PLANS) SHALL BE CONSTRUCTED OF 1" W.C. SEAL CLASS "B".
 - ALL MECHANICAL SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE CURRENT ADOPTED EDITION OF THE BUILDING CODES, FIRE CODES, MECHANICAL CODES AND PLUMBING CODES.
 - MANUAL VOLUME DAMPER
 - MOTORIZED DAMPER
 - FIRE DAMPER
 - COMBINATION FIRE/SMOKE DAMPER
 - THERMOSTAT OR TEMP SENSOR
 - POINT OF CONNECTION TO EXISTING
 - DETAIL TAG
 - NOTE NO.
 - SECTION NO.
 - DRAWING NO.
 - SECTION CUT LINE
 - CONTROL TRANSFORMER
 - TRX
- TO JOB COMPLETION AND FINAL PAYMENT.
- DIVISION 15 TO SUBMIT TO ENGINEER ALL AS-BUILTS OF BUILDINGS MECHANICAL AND PLUMBING SYSTEMS PRIOR

AIR DEVICE SCHEDULE									
PLAN CODE	TYPE & SIZE	CEILING TYPE	N.C. LEVEL	SP	MAX CFM	DAMPER	COLOR	MANUFACTURER & MODEL NO.	REMARKS
1	4-WAY SUPPLY	6"	SEE PLANS	20	0.05	176	IN DUCT	WHITE	PRICE \$SCDA ① ③ ④
2	4-WAY SUPPLY	8"	SEE PLANS	20	0.05	280	IN DUCT	WHITE	PRICE \$SCDA ② ③ ④
3	4-WAY SUPPLY	10"	SEE PLANS	21	0.05	436	IN DUCT	WHITE	PRICE \$SCDA ② ③ ④
4	RETURN	12" X 12"	SEE PLANS	15	0.06	630	OBD	WHITE	PRICE \$800
5	TRANSFER GRILLE	12" X 12"	SEE PLANS	15	0.06	N.A.	N.A.	WHITE	PRICE \$800
									REMARKS

① 12" X 12" FACE MODULE ② 24" X 24" FACE MODULE ③ 3 CONCENTRIC CONES ④ SET FOR HORIZONTAL DISCHARGE

EXHAUST FAN SCHEDULE												
SYMBOL	NO.	LOCATION	CFM	TOTAL SP	LB'S	SONES	WALL OR ROOF OPENING	RPM	HP	MOTOR # CYCLES	VOLTS	COMMENTS
EF-1	AS SHOWN	RESTROOM	120	0.15	22	1.7	8/10	1260	WATTS	1	60	
EF-2	AS SHOWN	VEHICLE SVC BAY	8720	0.25"	645	13.9	57	286	1-1/2	1	60	
COOK #5-KLP												
COOK #6C-240												
1 2 3 4 5 6 7 8 9												



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File name: M:\PROJECTS\2004\04080.02\DRAWINGS\M602.DWG Last edited: 07/13/05 15:33

1 OUTLET/INLET LOUVER DETAIL
M602 NO SCALE

4 INTAKE VENT PIPE DETAIL
M602 NO SCALE

7 DUCT LINER DETAIL
M602 NO SCALE

2 PIPE THRU WALL ABOVE GRADE
M602 NO SCALE

DIMENSION OF LONGEST SIDE, INCHES	SHEET METAL GAGE (ALL FOUR SIDES)	MINIMUM REINFORCING ANGLE SIZE & MAXIMUM LONGITUDINAL SPACING BETWEEN JOINTS &/OR INTERMEDIATE REINFORCING	TRANSVERSE REINFORCING (1)									
			52		52		52		52		52	
			MIN. H. PLAN	HEMISP. S-SHIP	ALTERN. BAR S-SHIP	REINFOR. BAR S-SHIP	REINFOR. BAR S-SHIP	REINFOR. BAR S-SHIP	REINFOR. BAR S-SHIP	REINFOR. BAR S-SHIP	REINFOR. BAR S-SHIP	
UP THRU 12	26	NONE REQ.	1	26	26	24	24	24	NOT REQ.	NOT REQ.	24	
13 - 18	24	NONE REQ.	1	24	24	24	24	24	NOT REQ.	NOT REQ.	24	
19 - 30	24	1X1X1/8 @ 60"	1	-	24	24	24	24	NOT REQ.	NOT REQ.	24	
31 - 42	22	1X1X1/8 @ 60"	1	-	-	22	22	22	NOT REQ.	NOT REQ.	22	
43 - 54	22	1.5X1.5X1/8@60"	1 1/2	-	-	22	22	22	1.5X1.5X1/8	NOT REQ.	22	
55 - 60	20	1.5X1.5X1/8@60"	1 1/2	-	-	-	22	22	1.5X1.5X1/8	NOT REQ.	22	
61 - 84	20	1.5X1.5X1/8@60"	1 1/2	-	-	-	22	22	1.5X1.5X1/8	NOT REQ.	1.5X1.5X1/8	

1 TRANSVERSE REINFORCING SIZE IS DETERMINED BY DIMENSION OF SIDE TO WHICH ANGLE IS APPLIED

6 DUCT STRAP HANGER DETAIL
M602 NO SCALE

8 CONVERGING AND DIVERGING TRANSITIONS
M602 NO SCALE

3 COMBINATION LOUVER/DAMPER DETAIL
M602 NO SCALE

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ISSUE

09/21/05	ADDENDUM 1
09/02/05	BID DOCUMENTS
08/12/05	FINAL REVIEW SET
07/18/05	PRELIMINARY REVIEW SET
MARK	DATE DESCRIPTION

PROJECT NO:	050008.01
DRAWN BY:	M.M.
CHECKED BY:	A.D.S.
SCALE:	
DATE:	SEPTEMBER 2, 2005

KEY PLAN

SHEET TITLE

MECHANICAL
DETAIL SHEET

M602

PVE Project No: 04080.02

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PVE Project No: 04080.02

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PROJECT NO: 050008.01

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A.D.S. _____

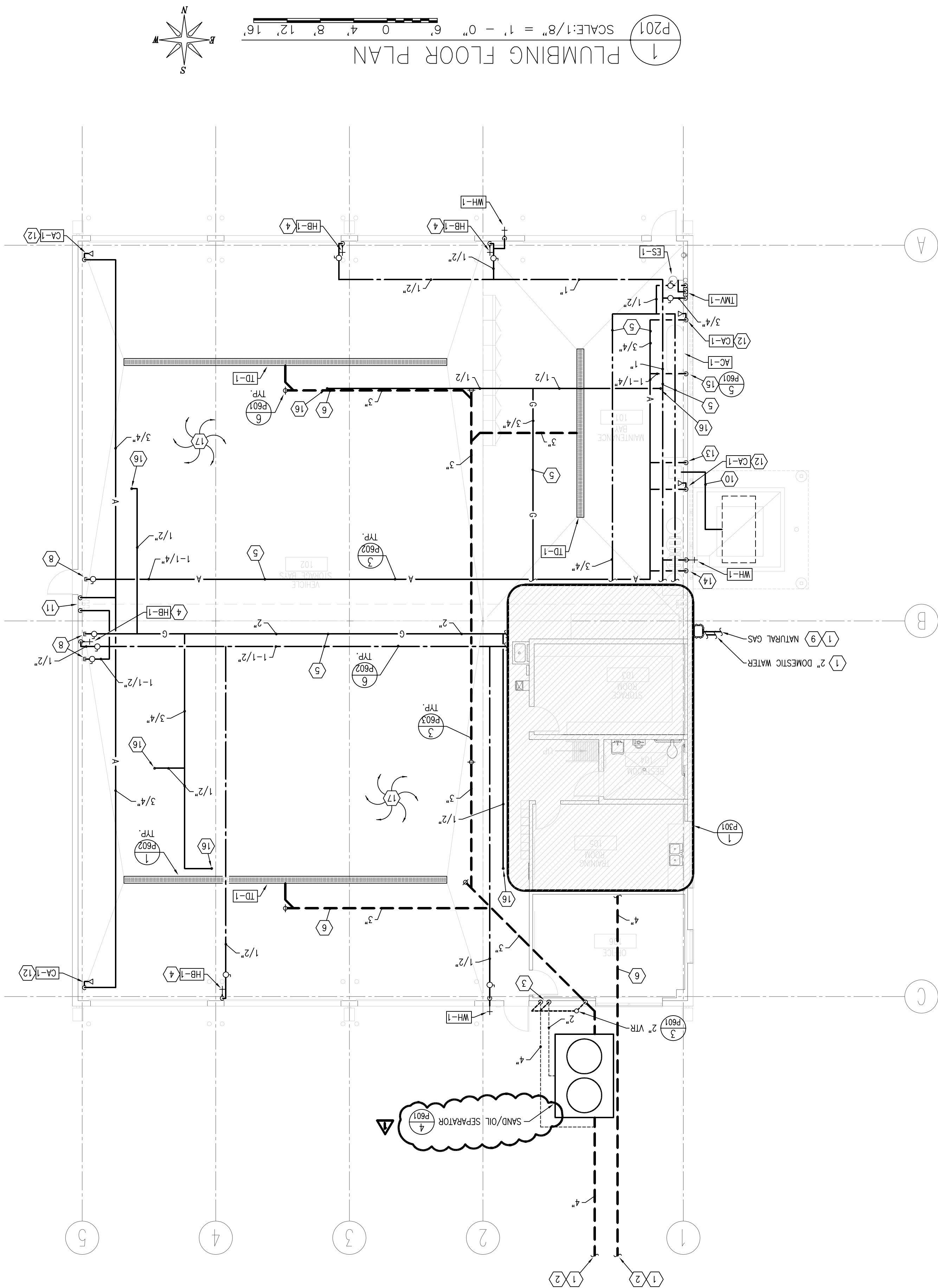
DATE: SEPTEMBER 2, 2005

KEY PLAN

SHEET TITLE

PLUMBING FLOOR PLAN

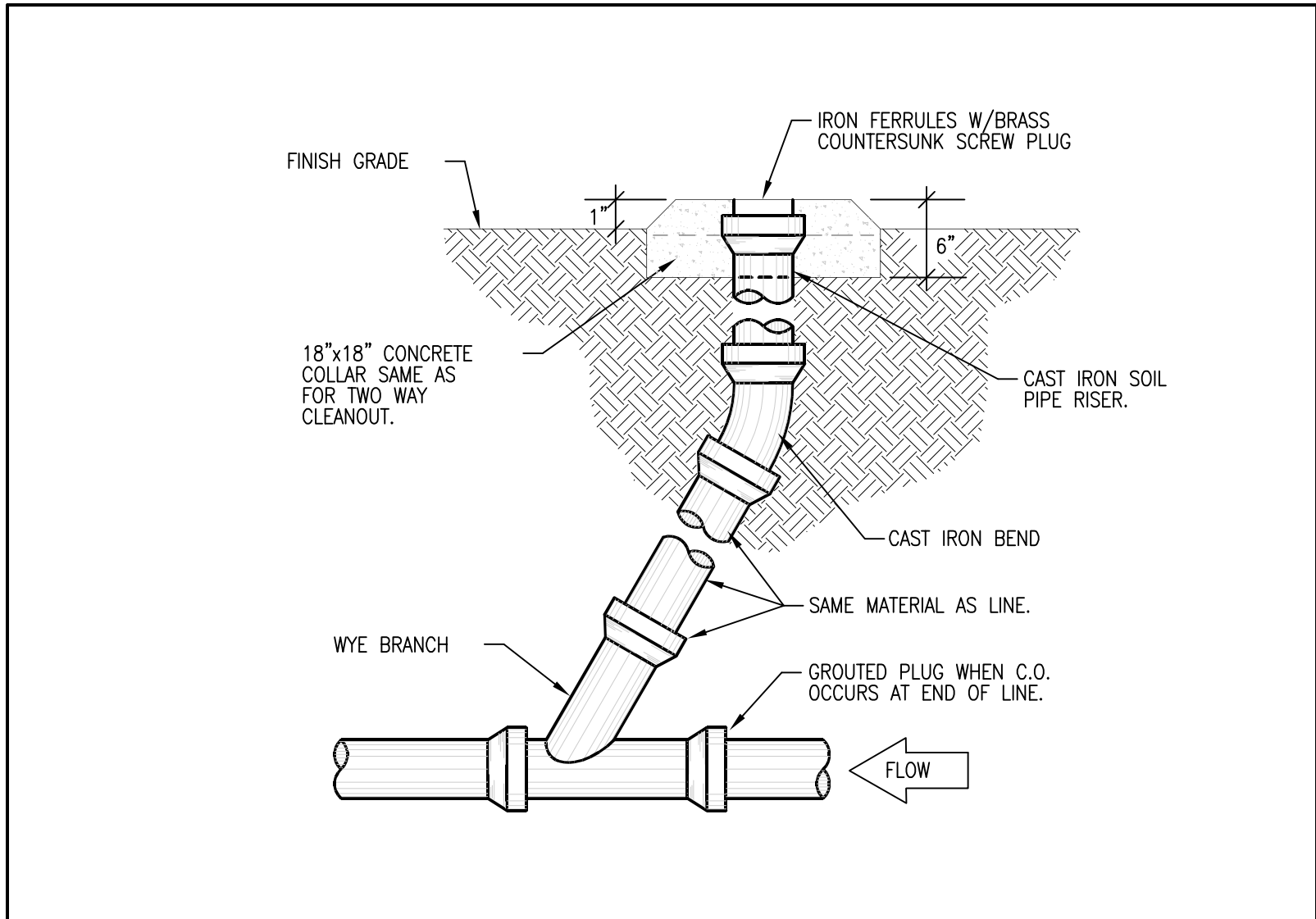
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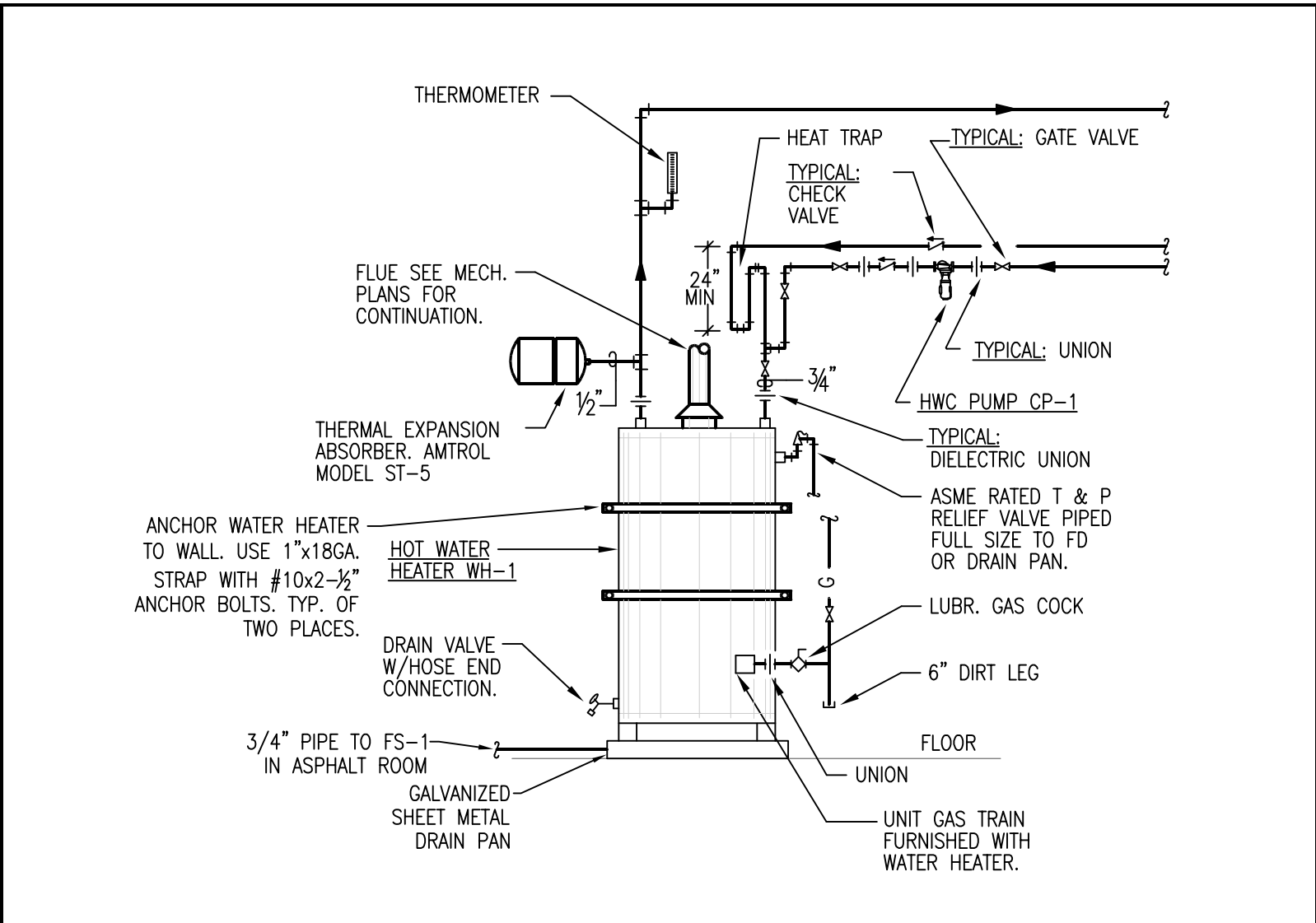
- (1) SEE CIVIL DRAWINGS FOR CONTINUATION.
- (2) GENERAL CONTRACTOR IS TO COORDINATE SEWERS AND BUILDING SANITARY SINKS WITH HIS SUEBS TO VERIFY SITE SANITARY INSTALLING ANY SANITARY SINK IN THE BUILDING, IF A PROBLEM EXISTS, THE CONTRACTOR IS TO INFORM THE ARCHITECT OF THE PROBLEM PRIOR TO INSTALLING ANY SINKS. THE ARCHITECT, AT HIS EXPENSE, SHALL PERFORM ANY WORK REQUIRED SUCH THAT THE SANITARY PIPE CAN BE INSTALLED CORRECTLY TO CODE STANDARDS.
- (3) REMOVED FROM SAN/D,/OI SEPARATOR MAY BE COMBINED AFTER THEY ARE 10' ABOVE FLOOD VEHICLE STORAGE BAY WASTE SYSTEM VENT PIPE.
- (4) PROVIDE PVC COVER OVER INSULATION TO 8'-0" MINIMUM HB-1.3'-0" AFF.
- (5) ROUTE PIPING ABOVE STRUCTURE.
- (6) ALL WASTE PIPING 3" AND GREATER TO SLOPE $\frac{1}{8}$ " PER FOOT.
- (7) NOT USED.
- (8) CAP LINE FOR FUTURE EXPANSION.
- (9) 1012 CFH OF 2 PSI NITROGEN GAS WITH 0.60 BTU/CFH, PROVIDE REPLY/REACT REGULATOR AT EACH POINT TO REDUCE PRESSURE FROM 2 PSI TO 0.2.
- (10) RUN DRAIN LINE TO DRAIN PUMP, PROVIDE SHUT-OFF VALVE TO CATCH TANK. TANK FURNISHED BY OWNER, INSTALLED BY CONTRACTOR. DRAIN PUMP BY CONTRACTOR, VERIFY LOCATION.
- (11) CONNECT 1" COMPRESSED AIR LINE AND $\frac{3}{4}$ " SHUT-OFF AND UNION. HOSE REEL BY CONTRACTOR. DISCONNECT, PROVIDE SHUT-OFF VALVE. REFER TO DETAIL S/P501.
- (12) DRAIN $\frac{3}{4}$ " COMPRESSED AIR DRAIN DOWN TO OIL DRAIN PUMP, PROVIDE SHUT-OFF VALVE.
- (13) DRAIN PUMP, PROVIDE SHUT-OFF VALVE.
- (14) DRAIN PUMP, PROVIDE SHUT-OFF VALVE. LUBE BARRELS BY OWNER, INSTALLED BY CONTRACTOR.
- (15) 1" COMPRESSED AIR LINE TO COMPRESSOR, PROVIDE SHUT-OFF VALVE AND UNION.
- (16) NATURAL GAS LINE DOWN TO BURNER. APPLY SHUT-OFF VALVE, UNION AND APPROVE REGULATOR REFERENCE DETAIL S/P503.
- (17) PIPE STEEL REQUIRED ON THIS PROJECT. IF CONTRACTOR FAILS TO INSTALL PIPE, THE CONTRACTOR SHALL REMOVE STEELS. THE CONTRACTOR SHALL REMOVE STEELS, INSTALL STEEL AND REINSTALL PIPE AT AN ADDITIONAL EXPENSE TO THE OWNER.

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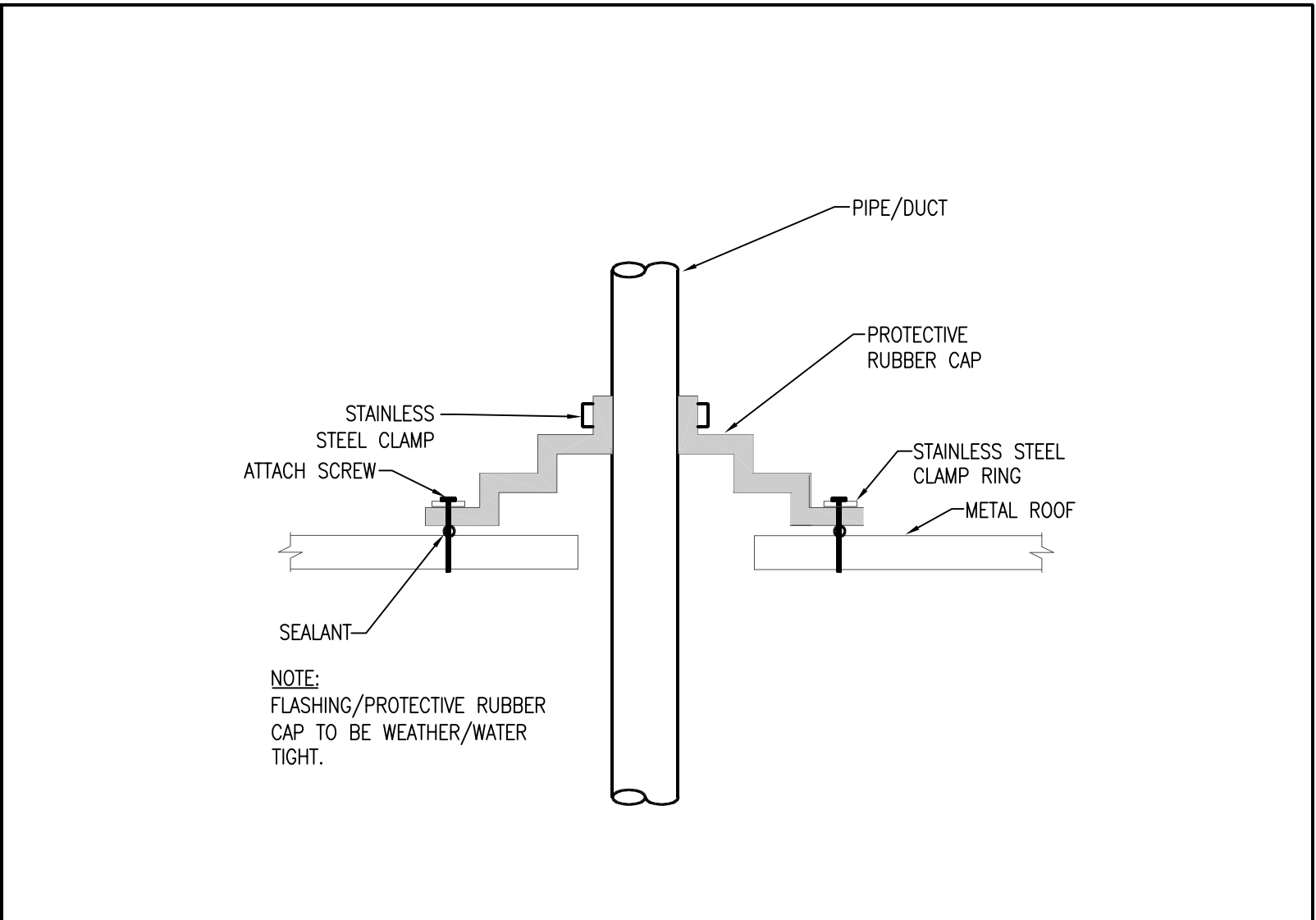
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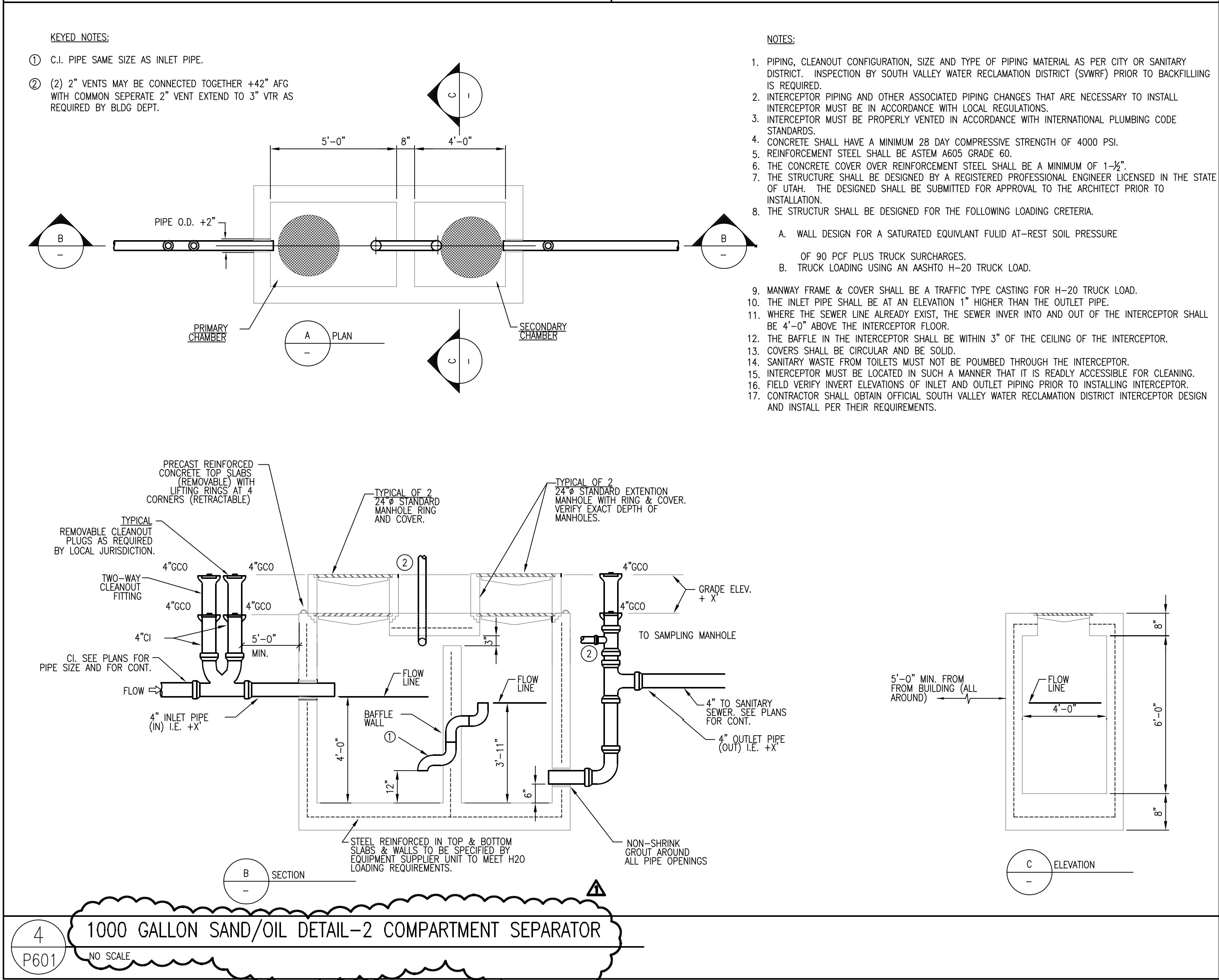
1 EXTERIOR CLEANOUT DETAIL
P601 NO SCALE



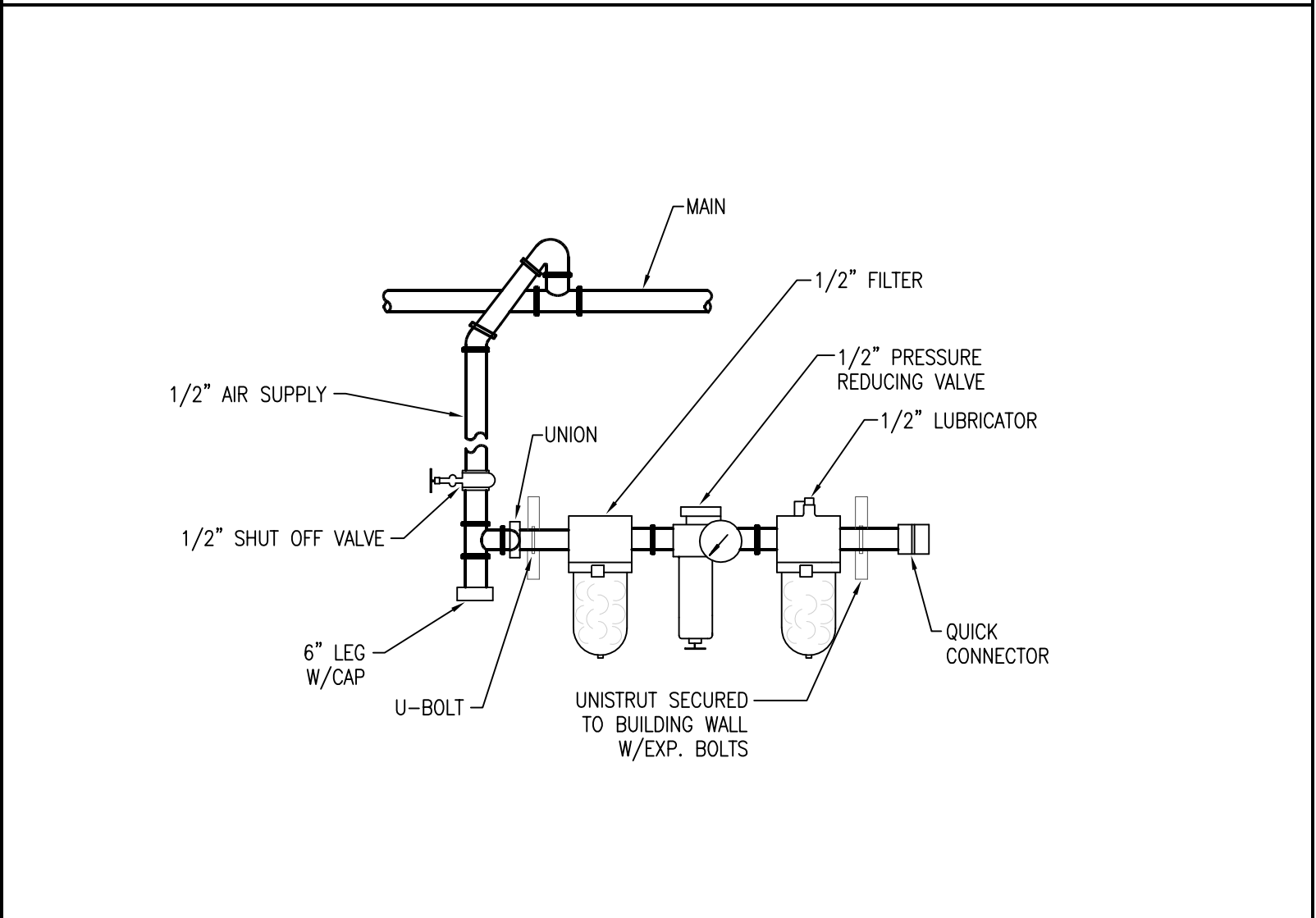
2 GAS FIRED WATER HEATER
P601 NO SCALE



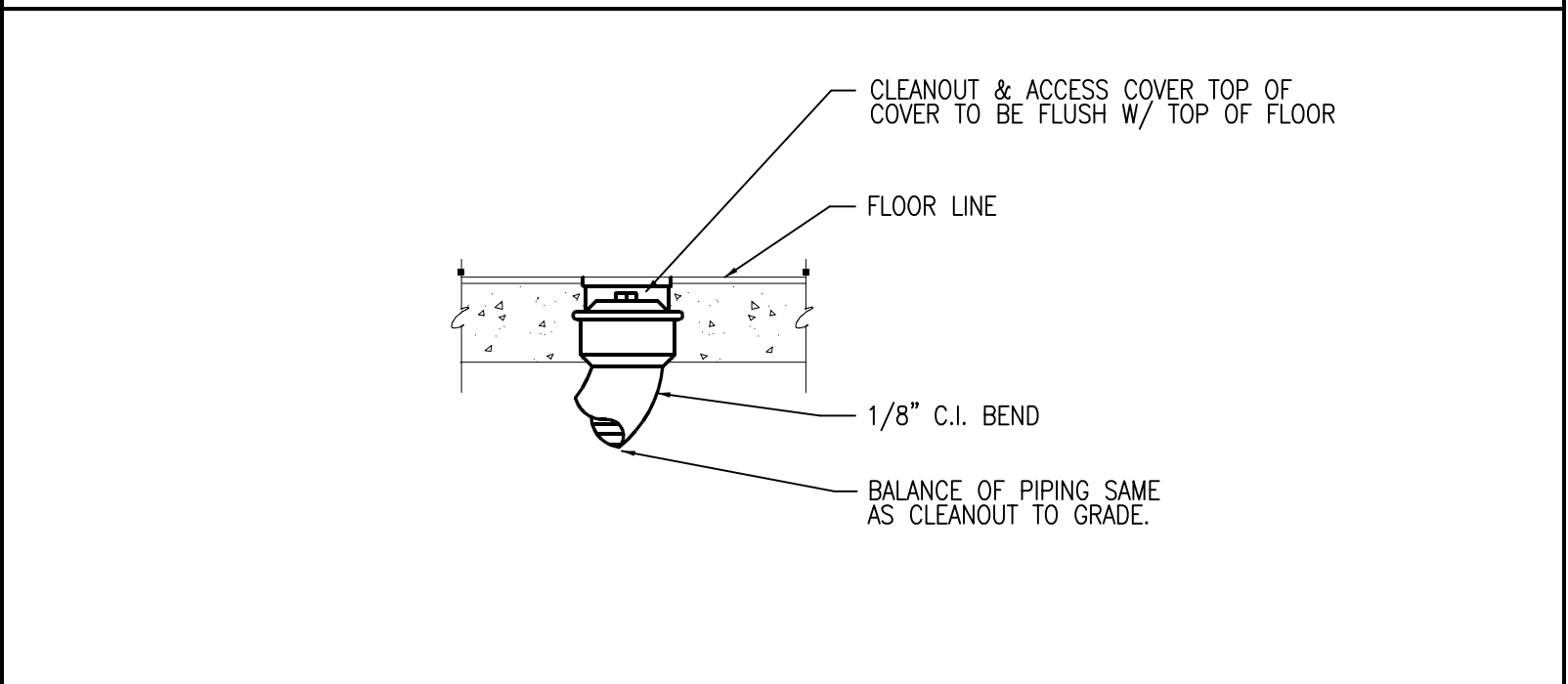
3 METAL ROOF PENETRATION DETAIL
P601 NO SCALE



4 1000 GALLON SAND/OIL DETAIL-2 COMPARTMENT SEPARATOR
P601 NO SCALE



5 COMPRESSED AIR OUTLET CONNECTION DETAIL
P601 NO SCALE



6 FLOOR CLEANOUT
P601 NO SCALE

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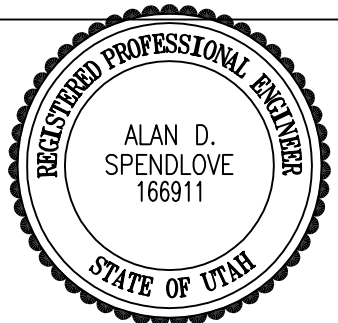
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SCALE:	
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KEY PLAN

SHEET TITLE

PLUMBING
DETAIL SHEET

P601

PVE Project No: 04080.02

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ELECTRICAL SPECIFICATIONS

SECTION 160000 - GENERAL PROVISIONS

WORK CONSISTS OF FURNISHING LABOR, MATERIALS, EQUIPMENT AND SERVICES REQUIRED FOR THE COMPLETE INSTALLATION OF ELECTRICAL WORK SHOWN IN THE CONTRACT DOCUMENTS AND SPECIFIED IN DIVISION 16.

INCLUDE ALL PARTS AND LABOR, WHICH ARE INCIDENTAL AND NECESSARY FOR A COMPLETE AND OPERABLE INSTALLATION EVEN THOUGH NOT SPECIFICALLY MENTIONED IN THE CONTRACT DOCUMENTS. SUCH ITEMS INCLUDE NUTS, BOLTS, ANCHORS, BRACKETS, SLEEVES, OFFSETS IN CONDUIT, FITTINGS, RELAYS, ETC.

OBTAIN ALL TEMPORARY AND PERMANENT PERMITS AND LICENSES REQUIRED IN CONNECTION WITH THIS DIVISION WORK. PAY ALL FEES AND EXPENSES REQUIRED FOR SUCH PERMITS AND LICENSES.

REQUEST INSPECTIONS AS REQUIRED BY REGULATING AGENCIES AND/OR REGULATIONS. PAY ALL CHARGES FOR INSPECTIONS BY REGULATING AGENCIES OF INSTALLATIONS OF PLUMB AND SPECIFICATIONS.

INCLUDE STATE AND LOCAL SALES TAXES IN THE BID. KEEP ACCURATE RECORDS OF THESE TAXES AND FURNISH SUCH RECORDS TO THE OWNER UPON REQUEST.

MEET OR EXCEED ALL CURRENT APPLICABLE CODES, ORDINANCES AND REGULATIONS FOR ALL INSTALLATIONS. PROMPTLY NOTIFY THE ENGINEER IN WRITING, IF THE CONTRACT DOCUMENTS APPEAR TO CONFLICT WITH GOVERNING CODES AND REGULATIONS. CONTRACTOR ASSUMES ALL RESPONSIBILITY AND COSTS FOR CORRECTING NON-COMPLYING WORK INSTALLED WITHOUT NOTIFYING THE ENGINEER.

HIGHER QUALITY OF WORKMANSHIP AND MATERIALS INDICATED IN THE CONTRACT DOCUMENTS TAKES PRECEDENCE OVER THAT ALLOWED IN REFERENCED CODES AND STANDARDS.

THE TERMS DEFINED BELOW APPLY TO ALL WORK INCLUDED IN DIVISION 16.

THE TERM "WORK" AS DEFINED IN THE 1987 AIA DOCUMENT A581-1987, "THE TERM WORK" MEANS THE CONSTRUCTION AND SERVICES REQUIRED BY THE CONTRACT DOCUMENTS WHETHER COMPLETED OR PARTIALLY COMPLETED, AND INCLUDES ALL OTHER LABOR, MATERIALS, EQUIPMENT AND SERVICES PROVIDED OR TO BE PROVIDED BY THE CONTRACTOR TO FULFILL THE CONTRACTORS OBLIGATIONS. THE WORK MAY CONSTITUTE THE WHOLE OR A PART OF THE PROJECT.

BURISH - TO OBTAIN IN NEW CONDITION READY FOR INSTALLATION INTO THE WORK.

INSTALL - TO STORE, SET IN PLACE, CONNECT AND PLACE INTO OPERATIONAL CONDITION.

PROVIDE - TO FURNISH AND INSTALL.

CONNECT - TO BRING SERVICE TO THE EQUIPMENT AND MAKE FINAL ATTACHMENT INCLUDING NECESSARY BUTCHERS, OUTLETS, BOXES, TERMINALS, ETC.

CONDUIT - INCLUDES PLACED IN CONDUIT, ALL FITTINGS, PULL BOXES, HANGERS AND OTHER SUPPORTS AND ACCESSORIES RELATED TO SUCH CONDUIT.

CONCEALED - HIDDEN FROM SIGHT IN CHASES, PURRED SPACES, SHAFTS, HANG CEILING, EMBEDDED IN CONSTRUCTION, IN CRUAL SPACES OR BURIED.

EXPPOSED - NOT INSTALLED UNDERGROUND NOR CONCEALED AS DEFINED ABOVE.

THE DRAWINGS AND SPECIFICATIONS CONSTITUTE THE CONTRACT DOCUMENTS. ANY ITEM NOTED IN THE SPECIFICATION OR SHOWN ON THE DRAWINGS IS INCLUDED IN THE CONTRACT DOCUMENTS.

ALL ELECTRICAL DETAILS AND DRAWINGS ARE DIAGNOSTIC, UNLESS SPECIFICALLY NOTED. FIELD VERIFY ALL DIMENSIONS AND NOTIFY THE ENGINEER OF ANY CONFLICTS OR DISCREPANCIES, IN WRITING, PRIOR TO INSTALLATION.

INITIATE MAINTAIN AND SUPERVISE ALL SAFETY PRECAUTIONS REQUIRED WITH THIS WORK IN ACCORDANCE WITH THE REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) AND OTHER GOVERNING AGENCIES.

DO NOT REMOVE OR DISTURB ANY ASBESTOS CONTAINING MATERIALS PROJECT. PROVIDE PROTECTIVE WORK AND NOTIFY THE TENANT IF ASBESTOS CONTAINING MATERIALS ARE SUSPECTED.

BEFORE SUBMITTING A PROPOSAL ON THE WORK CONTEMPLATED, EXAMINE THE SITE OF THE PROPOSED WORK AND BECOME THOROUGHLY FAMILIAR WITH EXISTING CONDITIONS AND LIMITATIONS. NO EXTRA COMPENSATION WILL BE ALLOWED BECAUSE OF MISUNDERSTANDING AS TO THE AMOUNT OF WORK INVOLVED NOR BECAUSE LACK OF KNOWLEDGE OF EXISTING CONDITIONS WHICH COULD HAVE BEEN DISCOVERED OR REASONABLY ANTICIPATED PRIOR TO BIDDING.

CONDUITS, PIPES, DUCTS, LIGHTS, DEVICES, SPEAKERS, ETC., SHOWN ON THE DRAWINGS AS EXISTING HAVE BEEN BASED ON THE EXISTING PLANS AND MAY NOT BE INSTALLED AS ORIGINALLY SHOWN. IT IS THE CONTRACTORS RESPONSIBILITY TO VISIT THE SITE AND MAKE EXACT DETERMINATION OF THE EXISTENCE, LOCATION AND CONDITION OF SUCH FACILITIES PRIOR TO SUBMITTING A BID.

CONSULT THE DRAWINGS AND SPECIFICATIONS OF MECHANICAL AND OTHER TRADES FOR CORRELATING INFORMATION AND LAY OUT WORK SO THAT IT WILL COORDINATE WITH THE CONDITIONS EXISTING ON THE DIMENSIONS AND CONDITIONS (I.E., FINISHED CEILING HEIGHTS, FOOTING AND FOUNDATION ELEVATIONS, BEAM DEPTHS, ETC.) WITH THE ARCHITECTURAL AND STRUCTURAL DRAWINGS. NOTIFY THE ARCHITECT/ENGINEER OF ANY CONFLICTS THAT CANNOT BE RESOLVED IN THE FIELD BY AGREED TRADES. RESUME WORK DUE TO LACK OF COORDINATION AND FAILURE TO VERIFY EXISTING CONDITIONS SHALL BE COMPLETED AT NO COST TO THE OWNER.

INSTALL ALL CONDUIT, CABLE TRAY, SUBCUT, EQUIPMENT, ETC. ALLOWING PROPER CODE AND MAINTENANCE CLEARANCES AND TO AVOID BLOCKING PASSAGEWAYS AND ACCESS PANELS.

WHERE WORK MUST BE REPLACED DUE TO FAILURE OF THE CONTRACTOR TO VERIFY THE CONDITIONS EXISTING ON THE JOB, SUCH REPLACEMENT MUST BE ACCOMPLISHED AT NO COST TO THE OWNER. THIS APPLIES TO SHOP FABRICATED WORK AS WELL AS TO WORK FABRICATED IN PLACE.

THROUGHOUT THE COURSE OF THE WORK, MINOR CHANGES AND ADJUSTMENTS TO THE INSTALLATION MAY BE REQUESTED BY THE ENGINEER. THE CONTRACTOR SHALL MAKE ADJUSTMENTS WITHOUT ADDITIONAL COST TO THE OWNER WHERE SUCH ADJUSTMENTS ARE NECESSARY TO THE PROPER INSTALLATION AND OPERATION WITHIN THE INTENT OF THE CONTRACT DOCUMENTS. THIS DOES NOT INCLUDE WORK ALREADY COMPLETED.

OBTAIN EXACT LOCATION OF CONNECTION TO EQUIPMENT, FURNISHED BY OTHERS, FROM THE PERSON FURNISHING THE EQUIPMENT.

DRAWINGS AND SPECIFICATIONS ARE COMPLEMENTARY AND WHAT IS CALLED FOR IN EITHER ONE IS AS EXISTING AS IF CALLED FOR IN BOTH.

INCLUDE THE BETTER QUALITY, GREATER QUANTITY OR HIGHER COST FOR AN ITEM OR ARRANGEMENT WHERE A DISAGREEMENT EXISTS IN THE DRAWINGS AND SPECIFICATIONS.

GUARANTEE AND MAINTAIN THE STABILITY OF WORK AND MATERIALS AND KEEP SAME IN PERFECT REPAIR AND CONDITION FOR THE PERIOD OF ONE (1) YEAR AFTER THE FINAL COMPLETION OF THE WORK, AS EVIDENCED BY ISSUANCE OF THE FINAL CERTIFICATE BY THE OWNER.

DEFECTS OF ANY KIND DUE TO FAULTY WORK OR MATERIALS APPEARING DURING THE ABOVE MENTIONED PERIOD MUST BE IMMEDIATELY MADE GOOD BY THE CONTRACTOR AT HIS OWN EXPENSE TO THE ENTIRE SATISFACTION OF THE OWNER. INCLUDE DAMAGE TO THE FINISH OR THE BUILDING RESULTING FROM THE ORIGINAL DEFECT OR REPAIRS.

REPLACE ALL RECEPTACLES, SWITCHES, COVERPLATES, ETC., DAMAGED BY ANY CONTRACTOR DURING THE COURSE OF CONSTRUCTION.

MATERIALS FURNISHED FOR THE TEMPORARY LIGHT AND POWER SYSTEM REMAIN CONTRACTORS PROPERTY. REMOVE WHEN THERE IS NO LONGER ANY NEED FOR TEMPORARY LIGHT AND POWER.

COORDINATE/REACHABLE ALL WORK WITH THE OWNER TO MINIMIZE ANY DISRUPTIONS. CONFINE ALL INTERRUPTIONS TO THE SMALLEST POSSIBLE AREA. PROVIDE TEMPORARY CONNECTIONS IF REQUIRED TO PROVIDE CONTINUITY OF SERVICE.

INSPECT ALL AREAS AFFECTED BY THE INTERRUPTIONS AND RETURN ALL AUTOMATICALLY CONTROLLED EQUIPMENT, ELECTRICALLY OPERATED EQUIPMENT TO THE SAME OPERATING CONDITION PRIOR TO THE INTERRUPTION.

DO NOT DISTURB NORMAL USE OF THE FACILITY, EXCEPT WITHIN THE IMMEDIATE CONSTRUCTION AREA. KEEP WALKS, DRIVEWAYS, ENTRANCES, ETC., FREE AND CLEAR OF EQUIPMENT, MATERIAL AND DEBRIS.

STORE ALL EQUIPMENT AND MATERIAL IN A PLACE AND MANNER THAT PREVENTS CORROSION AND IS APPROVED BY THE OWNER.

PROVIDE NEW MATERIAL AND EQUIPMENT, UNLESS NOTED OTHERWISE. PROTECT EQUIPMENT AND MATERIAL FROM DAMAGE, DIRT AND THE WEATHER.

PROVIDE THE HIGHEST QUALITY WORKMANSHIP AND PERFORM ALL WORK ONLY BY SKILLED MECHANICAL. INSTALL MATERIAL AND EQUIPMENT IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS, INSTRUCTIONS AND CURRENT NECA STANDARDS.

THE OWNER RESERVES THE RIGHT TO REQUEST MATERIAL OR WORKMANSHIP NOT IN ACCORDANCE WITH THE SPECIFICATIONS, BEFORE OR AFTER INSTALLATION.

PERFORM ALL CUTTING AND PATCHING NECESSARY TO WORK, UNLESS SPECIFICALLY DELEGATED TO THE GENERAL CONTRACTOR. OBTAIN SPECIAL PERMISSION FROM THE ARCHITECT/ENGINEER FOR ALL STRUCTURAL MEMBERS OR FINISHED MATERIAL. PERFORM ALL PATCHING IN SUCH A MANNER AS TO LEAVE THE FINISHED MATERIAL AND RETURN THE AREA AFFECTED TO THE CONDITION OF UNDISTURBED WORK. PERFORM ALL PATCHING BY WORKMEN EXPERIENCED, SKILLED, AND LICENSED FOR THE PARTICULAR TYPE OF WORK INVOLVED. INTERIOR WORK WILL NOT BE ACCEPTED.

PATCH ALL HOLES LEFT AS A RESULT OF DEPOLITION OF ELECTRICAL EQUIPMENT AND DEVICES.

PREVENT THE SPREAD OF DUST, DEBRIS, AND OTHER MATERIAL INTO ADJACENT AREAS.

REFINISH ALL ELECTRICAL EQUIPMENT DAMAGED DURING SHIPPING AND/OR INSTALLATION TO ITS ORIGINAL CONDITION. REMOVE ALL RUST, PREVENT AND PAINT PER MANUFACTURERS RECOMMENDATIONS FOR FINISH EQUAL TO ORIGINAL.

AFTER TESTS HAVE BEEN MADE AND ACCEPTED, CLEAN LIGHT FIXTURES, PANELS AND OTHER EQUIPMENT INSTALLED BY THE CONTRACTOR, LEAVING THE ENTIRE WORK AREA IN A CLEAN AND COMPLETE WORKING ORDER.

OPERATE EQUIPMENT AND SYSTEMS IN ALL THEIR OPERATING MODES, TO VERIFY PROPER OPERATION, PRIOR TO FINAL INSPECTION AND OWNER INSTRUCTIONS. NOTIFY THE ENGINEER IN WRITING THAT ALL SYSTEMS HAVE BEEN TESTED AND ARE FUNCTIONING AND OPERATING PROPERLY.

CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO ELECTRICAL EQUIPMENT OR MATERIALS UNTIL FINAL ACCEPTANCE OF THE ENTIRE PROJECT BY THE OWNER.

PROVIDE TEMPORARY WIRING AND CONNECTIONS TO MAINTAIN EXISTING SYSTEMS, INCLUDING TELEPHONE AND DATA SYSTEMS, IN SERVICE DURING CONSTRUCTION. WHEN WORK MUST BE PERFORMED ON ENERGIZED EQUIPMENT OR CIRCUITS, USE PERSONNEL EXPERIENCED IN SUCH OPERATIONS.

EXISTING ELECTRICAL SERVICE: MAINTAIN EXISTING SYSTEM IN SERVICE. DISABLE SYSTEM ONLY TO MAKE BUTTJOINTS AND CONNECTIONS. NOTIFY THE ENGINEER OF EXISTING CONSTRUCTION, CONCEAL NEW RACEWAY AND EXISTED EXISTING INSTALLATIONS TO ACCOMMODATE NEW CONSTRUCTION.

EXISTING TELEPHONE, DATA, CCTV & SECURITY SYSTEM MAINTAIN EXISTING SYSTEMS IN SERVICE.

DEMOLISH AND EXTEND EXISTING ELECTRICAL WORK UNDER AND THIS SECTION, AND AS INDICATED ON THE DRAWINGS. REMOVE, RELOCATE, AND EXTEND EXISTING INSTALLATIONS TO ACCOMMODATE NEW CONSTRUCTION.

PROVIDE SUPPORTS FOR ALL EXISTING ELECTRICAL EQUIPMENT THAT WAS SUPPORTED PREVIOUSLY BY DEPOLISHED WALLS, FLOORS, CEILING OR OTHER STRUCTURES. PROVIDE NEW SUPPORTS FROM STRUCTURAL MEMBERS NOT SLATED FOR DEPOLITION, PRIOR TO ANY DEMOLITION.

OWNER RESERVES THE RIGHT OF FIRST REFUSAL TO OBTAIN MATERIAL SHOWN TO BE REMOVED UNDER THIS CONTRACT. ITEMS NOT RETAINED BY THE OWNER BECOME THE PROPERTY OF THE CONTRACTOR AND MUST BE REMOVED FROM THE PREMISES.

EXTEND EXISTING INSTALLATIONS USING MATERIALS AND METHODS COMPATIBLE WITH EXISTING ELECTRICAL INSTALLATIONS OR AS SPECIFIED. RELOCATE AND REROUTE CONDUIT AND WIRING AS REQUIRED TO AVOID CONFLICTS WITH EXISTING INSTALLATIONS. ALL WORK SHALL BE PART OF THE REWORKING, MAINTAIN CONTINUITY TO ALL DEVICES IN AND DOWNSTREAM OF REWORKED WORK.

REROUTE EXISTING RACEWAY AND WIRING, WHICH IS EXPOSED DUE TO REMOVAL, OF EXISTING CONSTRUCTION, CONCEAL NEW RACEWAY AND WIRING AND MAINTAIN OPERATION.

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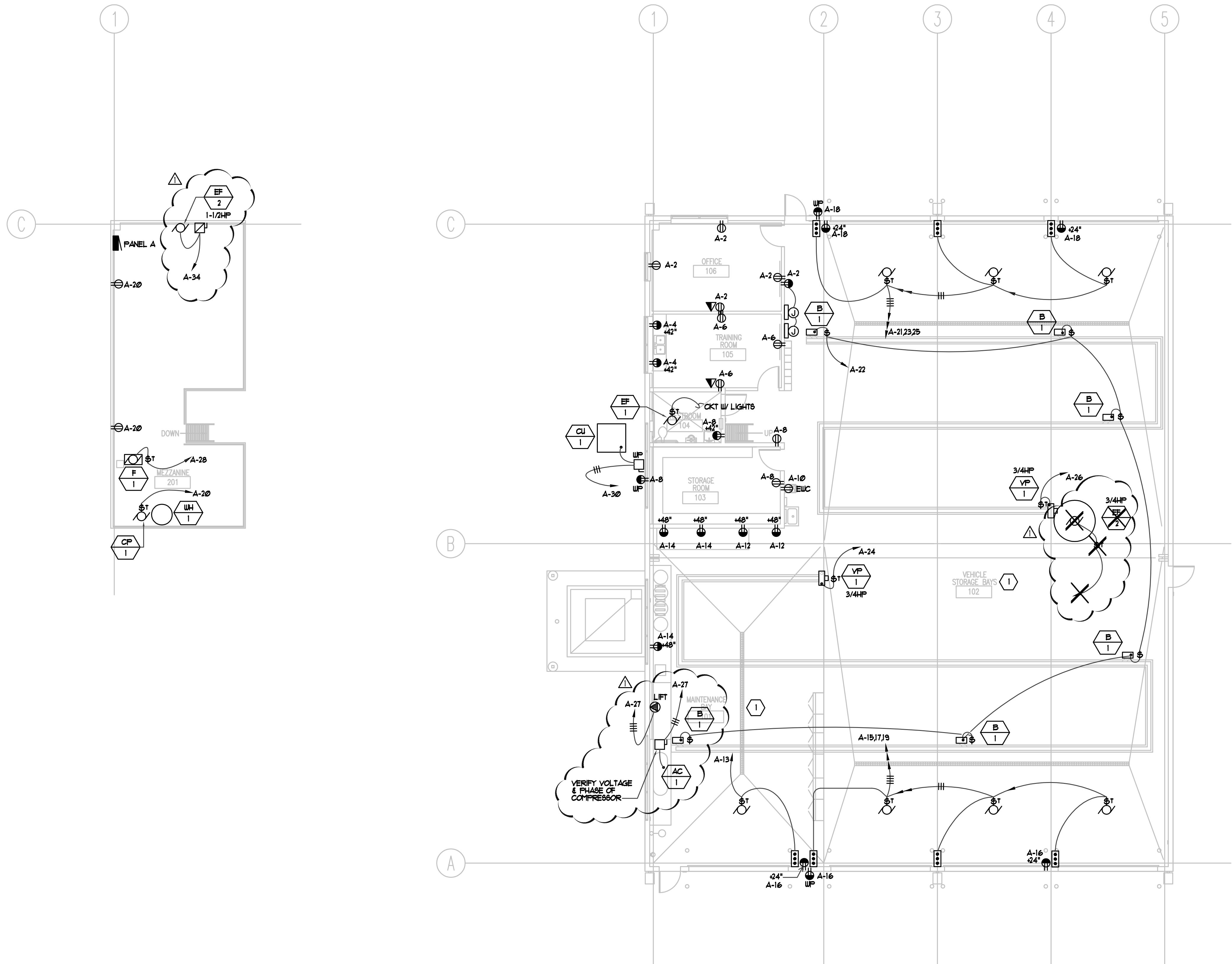
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PANELBOARD SCHEDULE

PANEL	'A'	120/208	VOLTS	3	PH	4	W
MOUNTING:	FLUSH						
	XX SURFACE						
RATING:	10,000	SERVICE RATED	AMP	225	-	MB	
BRANCH BREAKERS							
ITEM	AMPS	POLE	WIRE SIZE	NO.	LEFT PHASE	LOAD	RIGHT PHASE
1	20	1	12	1	1100		
2	10	1	12	1	1000		
3	5	1	12	1	1300		
4	1500	1	12	1	600		
5	1100	1	12	1	600		
6	1100	1	12	1	1000		
7	1000	1	12	1	600		
8	1000	1	12	1	600		
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76	1000	1	12	1	600		

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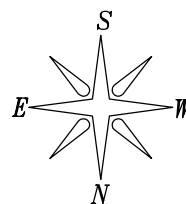
PLAN NOTES

1. ALL RECEPTACLES IN VEHICLE STORAGE BAYS AND MAINTENANCE BAY SHALL BE MOUNTED A MINIMUM OF 64" A.F.F. AND BE A GFCI TYPE RECEPTACLE.

1 POWER PLAN
E3.1

SCALE: 1/8" = 1' - 0"

6' 0 4' 8' 12' 16'



NOTE:

ALL ELECTRICAL INSTALLATIONS & WIRING SHALL BE PROVIDED IN ACCORDANCE WITH ARTICLE B11 NEC COMMERCIAL GARAGES, REPAIR & STORAGE.

CLIENT

MEADOW
MAINTENANCE FACILITY
STATION #4534
400 N. MAIN
MEADOW, UTAH 84644

DESIGNER

ARCHIPLEX
GROUP

architecture - planning - design services

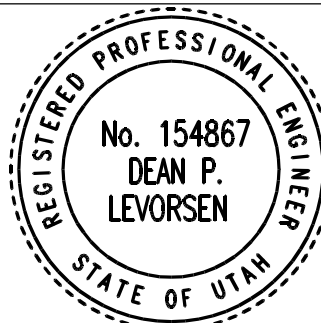
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PVE Project No: 04080.02

REGISTRATION



ISSUE

-	09/26/05	ADDENDUM 1
-	09/02/05	BID DOCUMENTS
-	08/12/05	FINAL REVIEW SET
-	07/18/05	REVIEW SET

MARK	DATE	DESCRIPTION
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ARCHIPLEX PROJECT NO:

04080.03

DRAWN BY:

K.D.M.

CHECKED BY:

R.K.R.

DATE:

SEPTEMBER 2, 2005

KEY PLAN

SHEET TITLE

POWER
PLAN

E3.1